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United States
Department of
Agriculture

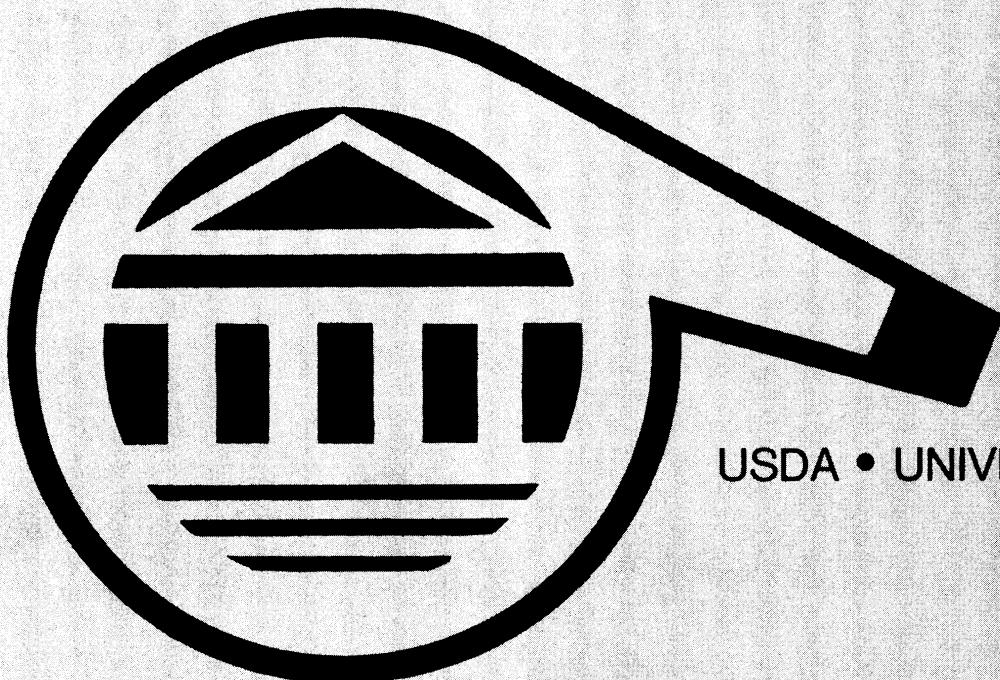
Cooperative
State Research
Service

October 1982

Inventory of Agricultural Research FY 1980

Volume II
Table II, III and IV

SCIENCE AND EDUCATION
IN AGRICULTURE



INVENTORY OF AGRICULTURAL RESEARCH

Volume II
(Tables II, III, IV)

Funding and scientist year data for USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions - by Commodity or Resource and by the Research Problem Area.

FISCAL YEAR 1980

This report was compiled from data supplied to the Current Research Information System (CRIS) by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions

Issued by

COOPERATIVE STATE RESEARCH SERVICE
SCIENCE AND EDUCATION
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

SEPTEMBER 1982

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Colorado, Connecticut (New Haven)	40
Connecticut (Storrs), Delaware, District of Columbia	41
Florida	42
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Kansas	49
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I N T R O D U C T I O N

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Co-operating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study. A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III, and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Area (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means that funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the Stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Current Research Information System, Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)
"Field of Science" - 0412 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 100%

Same inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity"-1400 (Corn)
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of field crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn).
"Field of Science" - 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of field crops) - 25%

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25% would be aggregated with other projects in the Problem Area. "Improvement of biological efficiency of field crops." In the Commodity tabulations, 100% of this project would be in "corn."

TABLE II

Column 1 includes abbreviations for the Commodity and Problem Area Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision III, January 1978, for a more detailed description of the Commodity and Problem Area classification.

"NO OF PROJ" column 2, gives the number of projects in a particular classification category. Projects with more than one line of classification (as explained in the last two paragraphs on page vi) may be tabulated in more than one category.

"SCIENTIST YEARS" column 3, includes for SAES, Forestry Schools, and Other Cooperating Institutions all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)" column 4, means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including CSRS in the case of Special Grants, the amounts reported are the sums of the amounts in Fields 101, 104, 105, 106 and 107 of Form AD-418 plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES, Forestry Schools, and Other Cooperating Institutions. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS" column 5, includes for USDA all funds under "REG FED APPR" plus "Other Federal Research Funds" as reported on Form AD-418 (excepting AID funds and PL-480 funds) plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES, Forestry Schools, and Other Cooperating Institutions "TOTAL FUNDS" includes "REG FED APPR" plus "Other Federal Research Funds" excepting AID funds) as reported on Form AD-419 plus "Non-Federal Research Funds" as reported on Form AD-419.

"USDA CON GR CA WITH SAES," columns 6 and 7, refer to contracts, grants, and cooperative agreements under which the USDA uses Federally appropriated funds to State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions for the performance of specific research tasks. They include CR "Special Grants" but not grants from other CR administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 through 5. State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions report expenditures of these funds in Fields 204 and 219 of Form AD-419. Scientist-years supported by these funds are not reported separately for SAES, et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with a State station as a separate work unit or project. The amounts included in column 7 by USDA are reported in Field 19 of Form AD-416. This field shows the expected scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the National Summary for USDA, SAES, Forestry Schools, and Other Cooperating Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA Contracts, Grants, and Cooperative Agreements with the SAES, et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 7.

TABLE III

Table III summarizes data supplied by USDA research agencies on Forms AD-416 and AD-417 and AD-418.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of Contracts, Grants, and Cooperative Agreements with SAES).

Columns 4, 5 and 6 "STAFF-I.H. SUPPORT YEARS" give the Federally employed (In-House) staff support for research in years of effort for these categories of support personnel, i.e. Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418). For ARS, entries in the column entitled "Other" represent a summation of Fields 142, 143 and 144.

Columns 7 - 17, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS" involve rounding each datum to the nearest \$1,000 and because of this the items in a column may not add exactly to the total shown. Please note that funds shown are Gross obligations.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "C G CA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418).

Column 12, "WHITT ACT" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (Reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations, excepting funds transferred from the Agency for International Development (AID funds) and PL-480 funds (Fields 310-316), inclusive and Field 318 of Form AD-418.

Column 16, "NON-FED FUND" includes all funds made available to the Department of research by non-Federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL" is a summation of all funds reported in columns 14, 15 and 16.

TABLE IV

Table IV summarizes data supplied by the 55 State Agricultural Experiment Stations, 15 Forestry Schools, and 19 Other Cooperating Institutions on Forms AD-417 and AD-419.

Included in the summaries for the Northeast Region are the research programs of all SAES, Forestry Schools, and Other Cooperating Institutions in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia.

Included in the summaries for the Southern Region are the research programs of all SAES, cooperating Forestry Schools, and other cooperating institutions in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES, cooperating Forestry Schools, and other cooperating institutions in: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES, cooperating Forestry Schools, and other cooperating institutions in: Alaska, Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Columns 4, 5 and 6, "STAFF SUPPORT YEARS" give the non-Federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of Form AD-419).

Columns 7 - 19, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS" involve rounding each datum to the nearest \$1,000 and, because of this, items in a column may not add exactly to the total shown.

Column 7, "HATH" includes obligations of formula grant funds received by SAES from Federal appropriations made under provisions of the Hatch Act (Field 201 of Form AD-419).

Column 8, "RRF" includes obligations of regional research funds received by SAES from Hatch Act appropriations (Field 202 of Form AD-419).

Column 9, "MCIN STEN" includes obligations of funds received by SAES and Forestry Schools under provisions of the McIntire-Stennis Act (Field 203 of Form AD-419).

Column 10, "SP GT," includes obligations of funds received by SAES, Forestry Schools and Other Cooperating Institutions from the Federal appropriations made to CSRS for Special Grants (Field 204 of Form AD-419).

Column 11, "OTH CSRS" includes obligations of funds received by SAES, Forestry Schools, and Other Cooperating Institutions from any sources other than Hatch, RRF, McIntire-Stennis, or basic research grant appropriations (Field 205 of Form AD-419).

Column 12, "TOT CSRS" includes obligations of funds received by SAES et al. from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 7, 8, 9, 10 and 11.

Column 13, "USDA CGCA" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with the research performing agencies of the USDA.

Column 14, "OTHER FED" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with Federal agencies other than the USDA Field 332 minus Fields 219 and 308 of Form AD-419).

Column 15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

Column 16, "PROD SALES" includes obligations of funds received by SAES et al. from sales of products (Field 221 of Form AD-419).

Column 17, "INDUSTRY" includes obligations of funds received by SAES et al. from industry that were expended in support of research (Field 222 of Form AD-419).

Column 18, "OTHER" includes obligations of funds received by SAES, et al. from any other non-Federal sources (Field 223 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17 and 18.

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION-RESEARCH RESUME U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS					DATE (Day, Month, Year)	AMENDMENT	
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. 4.	5. WORK UNIT/PROJECT NO.	6. STATUS			
New <input type="checkbox"/>	Extended <input type="checkbox"/>	Revised <input type="checkbox"/>	Terminated <input type="checkbox"/>	Pending <input type="checkbox"/>			
7. TITLE							
8. PERFORMING ORGANIZATION			13. RESPONSIBLE ORGANIZATION				
CITY	STATE/COUNTRY	ZIP CODE	CONG. DISTRICT	CITY	14. STATE	ZIP CODE	
12. INVESTIGATOR NAME(S) (Last name & initials)			15. RESPONSIBLE INDIVIDUAL (Last name & initials)				
1	4						
2	5						
3	6						
17.1. FOR USDA USE			17.2. FOR USDA USE				
A <input type="checkbox"/> Contract	B <input type="checkbox"/> Grant	C <input type="checkbox"/> Other	D <input type="checkbox"/> SP GR	E <input type="checkbox"/> RD V	F <input type="checkbox"/> CRO	G <input type="checkbox"/> Ind	
H <input type="checkbox"/> Coop.	I <input type="checkbox"/> Agent, with	J <input type="checkbox"/> In.	K <input type="checkbox"/> G	L <input type="checkbox"/> R	M <input type="checkbox"/> C	N <input type="checkbox"/> O	
O <input type="checkbox"/> SAES	P <input type="checkbox"/> Other	Q <input type="checkbox"/> Hatch	R <input type="checkbox"/> M-S	S <input type="checkbox"/> State	T <input type="checkbox"/> Animal Health	U <input type="checkbox"/> ESCS	V <input type="checkbox"/> FS
18.1. FOR STATE USE			18.2. FOR STATE USE				
AR <input type="checkbox"/>	ESCS <input type="checkbox"/>	FS <input type="checkbox"/>	18.4. CONTR./GR/AGMT./NO.	18.5. F.A.C.E. AMOUNT	18.6. TOTAL E.S.Y.	20. FY	
21. FACILITIES			22-23. REGIONAL PROJECT NO.				
A <input type="checkbox"/> Federally-owned	B <input type="checkbox"/> Federally-leased	C <input type="checkbox"/> Combined	D <input type="checkbox"/> State	E <input type="checkbox"/> Other			
26. OBJECTIVES 28. APPROACH (Use space needed for "26. OBJECTIVES", then indicate "28. APPROACH")							
27. KEYWORDS							
RECOMMENDED			APPROVED Check applicable one CONCURRED				
SIGNATURE	TITLE	DATE	SIGNATURE	TITLE	DATE		
29. AWARD DATE (Day, Mo., Yr.)			30. START DATE (Day, Mo., Yr.)		30. TERMINATION (Day, Mo., Yr.) DURATION (Mo./Yrs)		
FOR USDA USE			SIGNATURE		DATE		
Project referred and cleared by all interested agencies for entry into CRIS.							
FORM AD-418 (6/78)							

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION-CLASSIFICATION OF RESEARCH U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION AND OTHER INSTITUTIONS					DATE (Day, Month, Year)
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. 4.	5. WORK UNIT/PROJECT NO.	31. HATCH MARKETING	
2. BASIC RESEARCH	32. APPLIED RESEARCH	33. DEVELOPMENT EFFORT	34. FORESTRY	35. Yes <input type="checkbox"/> No <input type="checkbox"/>	% %
CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA					
ACTIVITY	COMMODITY	SCIENCE	RESEARCH PROBLEM AREA	PRODUCT OF (2) X (4) X (6)	
CODE (1)	% (2)	CODE (3)	% (4)	CODE (5)	% (6)
36.					
37.					
38.					
39.					
40.					
41.					
42.					
43.					
44.					
45.					
46.					
47.					
SPECIAL CLASSIFICATION					
Fields 48-77 are used to identify special areas of research such as: Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (SEA/AR) and Special Research Programs (SEA/AR). Refer to your agency manual for specific codes and instructions.					
48.	54.	60.	66.	72.	
49.	55.	61.	67.	73.	
50.	56.	62.	68.	74.	
51.	57.	63.	69.	75.	
52.	58.	64.	70.	76.	
53.	59.	65.	71.	77.	
78. COOPERATORS					
A <input type="checkbox"/> USDA	B <input type="checkbox"/> Other Federal Agencies	C <input type="checkbox"/> Industry	D <input type="checkbox"/> And other	E <input type="checkbox"/> State	COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION
80.					
83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION					
81.					
82.					

AD FORM 417
JUN 1979

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER				DATE (Day, mo., yr.)
U.S. DEPARTMENT OF AGRICULTURE USE ONLY				
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. WORK UNIT/PROJECT NO.	4. 22-23 REGIONAL PROJECT NO.	
2. TITLE				
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION				
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS				
Regular, In House	(101) . . .			
Regular, Contracts, Grants, Agreements with AES	(102) . . .			
Regular, Contracts, Grants, Agreements with Others	(103) . . .			
Special Funds (015) (ARS) In House	(104) . . .			
Special Funds (010) (ARS) In House	(105) . . .			
Forest Service Research Contracts	(106) . . .			
Other USDA (Identify)	(107) . . .			
TOTAL	(131) . . .			
OTHER FEDERAL RESEARCH FUNDS				
Energy Research and Development Administration	(310) . . .			
Agency for International Development	(308) . . .			
Department of Defense	(311) . . .			
National Institutes of Health	(316) . . .			
Public Health Service	(312) . . .			
Health Education and Welfare (Other)	(313) . . .			
National Aeronautics and Space Administration	(314) . . .			
Tennessee Valley Authority	(315) . . .			
Foreign Agricultural Research (PL 480)	(117) . . .			
Other Federal Funds (Identify)	(318) . . .			
TOTAL	(332) . . .			
NON-FEDERAL RESEARCH FUNDS				
Trust Funds, In House	(120) . . .			
Trust Funds, Contracts, Grants, Agreements with AES	(121) . . .			
Trust Funds, Contracts, Grants, Agreements with Others	(122) . . .			
Other Non-Federal Funds (Identify)	(123) . . .			
TOTAL	(133) . . .			
TOTAL ALL RESEARCH FUNDS AT LOCATION	(134) . . .			
STAFF SUPPORT				
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)				
Scientists (GS-11 and above)	(141) . . .			
Professional Support	(142) . . .			
Technical Support	(143) . . .			
Clerical, Labor and Other	(144) . . .			
TOTAL STAFF YEARS	(350) . . .			
SUBMITTED BY	TITLE			

Form AD 418 (7-76)

UNITED STATES DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND STAFF SUPPORT				DATE (Day, mo., year)
FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE				
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3. WORK UNIT/PROJECT NO.	4. 22-23 REGIONAL PROJECT NO.	TYPE/GRANT NO.
7. TITLE				
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION (Round to nearest whole dollar)				
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED				
Hatch Funds	(201) . . .			
Regional Research Funds	(202) . . .			
McIntire Stennis Funds	(203) . . .			
Grants for Research (PL89-106)				
<input type="checkbox"/> Special Grants	<input type="checkbox"/> Competitive Grants			
Other Funds				
<input type="checkbox"/> Animal Health Sec. 1433	<input type="checkbox"/> Alcohol Fuel Sec. 1419			
<input type="checkbox"/> 1890/Tuskegee Sec. 1445	<input type="checkbox"/> Rural Development Title V			
<input type="checkbox"/> Native Latex PL95-592	<input type="checkbox"/> Other (Identify)			
TOTAL	(231) . . .			
OTHER FEDERAL RESEARCH FUNDS				
USDA Contracts Grants Co-op Agreements (Identify Agency)	(219) . . .			
National Science Foundation	(209) . . .			
Department of Energy	(310) . . .			
Agency for International Development	(308) . . .			
Department of Defense	(311) . . .			
National Institutes of Health	(316) . . .			
Public Health Service	(312) . . .			
Health and Human Services	(313) . . .			
National Aeronautics and Space Administration	(314) . . .			
Tennessee Valley Authority	(315) . . .			
Other Federal Funds (Identify)	\$ _____			
CSRS Administered "Pass Through" Funds				
AID Nitrogen Fixation				
EPA Strip Mine Reclamation				
Department of Energy				
Forest Service				
Other (Identify)				
TOTAL	(332) . . .			
NON-FEDERAL RESEARCH FUNDS				
State Appropriations	(220) . . .			
Sale of Products	(221) . . .			
Industry Grants and Agreements	(222) . . .			
Other Non-Federal Funds	(223) . . .			
TOTAL	(233) . . .			
TOTAL ALL RESEARCH FUNDS AT LOCATION → (234)				
STAFF SUPPORT				
NON-FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)				
Scientists (Assistant Professor and above)	(241) . . .			
Professional Support	(242) . . .			
Technical Support	(243) . . .			
Clerical, Labor, and Other	(244) . . .			
TOTAL STAFF YEARS → (360)				
SUBMITTED BY (Signature)	TITLE			

FORM AD-418 (6/81)

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

Commodity, Resource or Technology not
Associated with Specific Commodities

Commodities or Resources

- 0100 Soil and land
- 0200 Water
- 0300 Watersheds and river basins
- 0400 Air and climate
- 0500 Recreation resources
- 0600 Trees, forests, and forest products (excluding edible tree nut crops (See 1015), and tung (See 2560))
- 0700 Range
- 0800 Fish, shellfish, game and fur-bearing animals and other wildlife and their habitats
- 0900 Citrus and subtropical fruit
- 1000 Deciduous and small fruits and edible tree nuts
- 1100 Potatoes
- 1200 Vegetables
- 1300 Ornamentals and turf
- 1400 Corn (includes Popcorn) - (For Sweetcorn see 1280)
- 1500 Grain sorghum
- 1600 Rice
- 1700 Wheat
- 1800 Other small grains
- 1900 Pasture
- 2000 Forage crops
- 2100 Cotton (including cottonseed for planting purposes)
- 2200 Cottonseed (for meal, oil, etc.)
- 2300 Soybeans
- 2400 Peanuts
- 2500 Other oilseed and oil crops (excluding cottonseed)
- 2600 Tobacco
- 2700 Sugar crops
- 2800 Miscellaneous and new crops
- 2900 Poultry
- 3000 Beef cattle
- 3100 Dairy cattle
- 3200 Swine
- 3300 Sheep and wool
- 3400 Other animals (See 0850 for fur-bearing animals)
- 3500 Bees and honey and other pollinating insects
- 3600 General purpose supplies - includes: machinery, equipment, fertilizers, feedstuffs, and pesticides
- 3700 Clothing and textiles
- 3800 Food (not readily associated with specific plants and animal products)
- 3900 Structures and facilities

Commodities or Resources

- 4000 People as individual workers, consumers and members of society
- 4100 The family and its members
- 4200 The farm as a business enterprise
- 4300 Communities, areas and regions, including counties and States and their institutions
- 4400 Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
- 4500 Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
- 4600 Farmer cooperatives
- 4700 Marketing, processing and supply firms other than cooperatives
- 4800 Marketing systems and sectors thereof
- 6100 Weeds
- 6200 Seed research
- 6300 Biological cell systems
- 6400 Experimental design and statistical methods
- 6500 Invertebrates (including insects, mites, ticks, snails, slugs, and leaches)
- 6600 Microorganisms, viruses, etc.
- 6700 Plants
- 6800 Animals (vertebrates)
- 6900 Research on research management (not research management per se)
- 7000 Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

- 101 Appraisal of Soil Resources
- 102 Soil, Plant, Water, Nutrient Relationships
- 103 Management of Saline and Sodic Soils and Salinity
- 104 Alternative Uses of Land
- 105 Conservation and Efficient Use of Water

- 106 Efficient Drainage and Irrigation Systems and Facilities
- 107 Watershed Protection and Management
- 108 Economic and Legal Problems in Management of Water and Watersheds
- 109 Adaptation to Weather and Weather Modification
- 110 Appraisal of Forest and Range Resources

- 111 Biology, Culture and Management of Forests and Timber-Related Crops
- 112 Improvement of Range Resources
- 113 Remote Sensing
- 114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

- 201 Control of Insects Affecting Forests
- 202 Control of Diseases, Parasites and Nematodes Affecting Forests
- 203 Prevention and Control of Forest and Range Fires
- 204 Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetable Crops
- 205 Control of Diseases and Nematodes of Fruit and Vegetable Crops

- 206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
- 207 Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range
- 208 Control of Diseases and Nematodes of Field Crops and Range
- 209 Control of Weeds and Other Hazards of Field Crops and Range
- 210 Control of Insects and External Parasites Affecting Livestock, Poultry, and Other Animals

**GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS,
DISEASES AND OTHER HAZARDS (Continued)**

- 211 Control of Diseases of Livestock, Poultry and Other Animals
- 212 Control of Internal Parasites of Livestock, Poultry, and
 Other Animals
- 213 **Protect Livestock, Poultry and Other Animals from Toxic
 Chemicals, Poisonous Plants, and Other Hazards**
- 214 **Protection of Plants, Animals, and Man from Harmful Effects
 of Pollution**

**GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST
PRODUCTS AT DECREASING REAL PRODUCTION COSTS**

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable
 Crops
- 305 Mechanization of Fruit and Vegetable Crop Production

- 306 Production of Fruit and Vegetable Crop Production
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other
 Animals

- 311 Improvement of Biological Efficiency in Production of
 Livestock, Poultry and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry
 and Other Animals
- 313 Production Management Systems for Livestock, Poultry and
 Other Animals
- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose
 Farm Supplies and Equipment

- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of
 Livestock, Poultry and Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biometry

**GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY
DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES
AND ENHANCING PRODUCT QUALITY**

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved Acceptability
- 403 New and Improved Fruit and Vegetable Products and Byproducts
- 404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
- 405 Production of Field Crops with Improved Acceptability

- 406 New and Improved Food Products from Field Crops
- 407 New and Improved Feed, Textile, and Industrial Products from Field Crops
- 408 Quality Maintenance in Storing and Marketing Field Crops
- 409 Production of Animal Products with Improved Acceptability
- 410 New and Improved Meat, Milk, Eggs, and Other Animal Food Products

- 411 New and Improved Non-Food Animal Products
- 412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

- 501 Improvement of Grades and Standard - Crop and Animal Products
- 502 Development of Markets and Efficient Marketing of Timber and Related Products
- 503 Efficiency in Marketing Agricultural Products and Production Inputs *

- 506 Supply, Demand and Price Analysis - Crop and Animal Products
- 507 Competitive Interrelationships in Agriculture
- 508 Development of Domestic Markets for Farm Products
- 509 Performance of Marketing Systems
- 510 Group Action and Market Power

- 511 Improvement in Agricultural Statistics
- 512 Improvement of Grades and Standard of Forest Products
- 513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

- 601 Foreign Market Development ..
- 602 Evaluation of Foreign Food Aid Programs
- 603 Technical Assistance to Developing Countries
- 604 Product Development and Marketing for Foreign Markets

* This RPA incorporates research formerly included under RPAs 503, 504 and 505.

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

- 701 Insure Food Products Free of Toxic Residues from Agricultural Sources
- 702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
- 703 Food Choices, Habits, and Consumption
- 704 Home and Commercial Food Service
- 705 Selection and Care of Clothing and Household Textiles

- 706 Control of Insect Pests of Man and His Belongings
- 707 Prevent Transmission of Animal Diseases and Parasites to Man
- 708 Human Nutrition
- 709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

- 801 Housing
- 802 Individual and Family Decision Making and Resource Use and Family Functioning
- 803 Causes of Poverty Among Rural People
- 804 Improvement of Economic Potential of Rural People
- 805 Communication and Education Processes

- 806 Individual and Family Adjustment to Change
- 807 Structural Changes in Agriculture
- 808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND PUBLIC SERVICES

- 901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
- 902 Outdoor Recreation
- 903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
- 904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
- 905 Trees to Enhance Rural and Urban Environment

- 906 Culture and Protection of Ornamentals and Turf
- 907 Improved Income Opportunities in Rural Communities
- 908 Improvement of Rural Community Institutions and Services

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NAT TOT USDA-SALES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	CW/GT/CA WITH SALES 1980
0100 SOIL AND LAND	1479	514.3	25,090,462	59,174,193	*	*
0200 WATER	1000	340.6	22,128,250	39,102,586	*	*
0300 WATERSHEDS RIVER BAS	253	176.9	16,720,960	21,741,575	*	*
0400 AIR AND CLIMATE	172	54.7	2,496,044	6,547,464	*	*
0500 RECREATION RESOURCES	192	86.2	5,064,203	9,627,286	*	*
0600 TIMBER FOREST PRODUCT	1666	1256.7	91,328,630	142,040,466	*	*
0700 RANGE	391	162.6	11,146,525	19,049,035	*	*
0800 WILDLIFE AND FISH	754	259.7	10,579,155	33,406,337	*	*
0900 CITRUS SUB TROP FRUT	399	204.4	10,908,407	22,859,666	*	*
1000 FRUIT NUTS DECIDUCUS	1204	466.5	19,900,296	51,899,157	*	*
1100 POTATOES	353	117.2	5,746,397	13,256,615	*	*
1200 VEGETABLES	1649	550.8	24,262,383	60,172,381	*	*
1300 ORNAMENTALS TURF	680	256.8	8,280,530	26,597,485	*	*
1400 CORN	1121	313.8	16,715,802	36,030,419	*	*
1500 GRAIN SORGHUM	403	89.6	3,240,011	9,271,339	*	*
1600 RICE	175	65.6	2,753,180	6,819,127	*	*
1700 WHEAT	855	256.4	13,343,090	27,746,742	*	*
1800 OTHER SMALL GRAINS	519	117.2	5,877,722	13,378,544	*	*
1900 PASTURE	199	42.1	1,843,895	5,054,843	*	*
2000 FORAGE CROPS	1126	366.7	18,714,190	42,435,577	*	*
2100 COTTON	596	330.4	24,974,237	37,520,345	*	*
2200 COTTONSEED	60	25.0	2,148,734	2,448,860	*	*
2300 SOYBEANS	1099	364.1	20,390,665	41,518,515	*	*
2400 PEANUTS	229	80.4	4,433,076	8,669,925	*	*
2500 OTHER OILSEED CROPS	167	48.8	2,165,025	5,076,763	*	*
2600 TOBACCO	216	100.2	5,649,368	11,412,618	*	*
2700 SUGAR CROPS	273	104.3	8,879,870	13,134,273	*	*
2800 MISC NEW CROPS	200	63.0	4,456,883	6,815,803	*	*
2900 POULTRY	881	342.9	20,057,707	42,776,200	*	*
3000 BEEF CATTLE	1676	621.2	42,748,122	102,071,577	*	*
3100 DAIRY CATTLE	1366	416.3	30,241,341	69,008,142	*	*
3200 SWINE	791	256.4	21,307,675	42,732,909	*	*
3300 SHEEP AND WOOL	460	129.1	11,098,527	19,099,456	*	*
3400 OTHER ANIMALS	468	114.1	5,651,667	14,271,035	*	*
3500 BEES AND HONEY	93	48.7	3,221,503	4,376,369	*	*
3600 FARM SUPP & FACILITS	118	33.6	1,201,396	4,070,781	*	*
3700 CLOTHING & TEXTILES	76	22.9	731,657	1,762,703	*	*
3800 FOOD	621	260.7	23,073,940	37,067,370	*	*
3900 HOUSING & EQUIP	265	88.5	4,550,395	9,804,077	*	*
4000 PEOPLE AS INDIVIDUAL	825	291.0	16,744,893	31,066,420	*	*
4100 FAMILY MEMBERS	304	100.7	7,060,054	11,386,729	*	*
4200 FARM AS BUSINESS	217	74.0	2,174,324	5,846,258	*	*
4300 SOC POLIT ORGANIZ	462	141.6	5,859,978	12,544,415	*	*
4400 AGRIC ECONOMY U S	146	129.9	9,419,654	11,801,405	*	*
4500 AGRIC ECONOMY FORGN	127	123.0	8,281,201	8,992,513	*	*
4600 FARM COOPERATIVES	64	15.8	816,993	1,160,943	*	*
4700 OTH MARKET PROCESS	41	7.4	169,364	671,095	*	*
4800 MARKETING SYSTEMS	105	35.5	2,529,397	4,411,055	*	*
6100 WEEDS	110	33.2	2,897,379	4,080,261	*	*
6200 SEED RESEARCH	54	23.8	1,711,984	2,908,386	*	*
6300 BIO CELL SYSTEMS	287	96.1	4,774,527	14,837,965	*	*
6400 EXP DESIGN/STAT METH	79	40.8	1,361,365	4,264,707	*	*
6500 INVERTEERATES	357	212.1	12,765,902	22,060,960	*	*
6600 MICROORGANISMS, VIRUS	361	116.2	7,286,251	17,526,314	*	*
6700 PLANTS	1107	442.5	31,082,013	55,767,029	*	*
6800 ANIMALS (VERTEBRATES)	507	179.8	6,683,424	22,850,279	*	*
6900 RESEARCH ON RSCH MGM	35	12.6	326,845	1,594,968	*	*
7000 RSCH EQUIP & TECHNOL	125	66.7	6,495,855	8,891,054	*	*
9900 UNCLASSIFIED	70	19.5	2,735,530	5,100,658	*	*
TOTAL	29628	11311.6	683,898,853	1,367,211,972	*	*

TABLE I7 SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NAT TOT USDA-SARS-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OP PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SARS AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	228	78.0	1,134,272	8,674,862	*	*
102 SOIL PLNT WTR NUTRI	784	262.8	13,813,902	30,694,472	*	*
103 MGMT OF SALINE SCIL	73	30.0	1,999,607	3,363,271	*	*
104 ALTERN USE OF LAND	206	74.0	2,722,389	7,067,575	*	*
105 CONSERV USE OF WATE	405	145.3	10,025,183	16,023,105	*	*
106 DRAIN AND IRRIGATIO	194	68.7	5,692,406	8,225,000	*	*
107 WATERSHD PROT & MG	323	225.4	20,682,874	27,464,956	*	*
108 ECON LEG PROB OF WA	45	25.7	1,207,848	2,472,636	*	*
109 WEATHER ADAPT & MOD	161	46.7	1,962,012	5,500,161	*	*
110 APPRAIS FOREST & BAN	168	99.3	12,033,279	15,779,884	*	*
111 BIOL CULT HGMN FCRS	524	340.7	21,055,603	35,139,489	*	*
112 IMPROV RANGE RESCR	245	93.6	5,793,500	10,929,300	*	*
113 REMOTE SENSING	65	46.9	6,364,592	7,876,892	*	*
114 RSCH ON MGMT OF RSC	33	12.4	326,845	1,405,143	*	*
SUBTOTAL	3454	1549.4	104,814,311	180,616,745	*	*
SERIES 200						
201 CNTRL FOREST INSECTS	257	158.1	12,489,821	18,333,799	*	*
202 CONTROL FOREST DIS	182	98.1	9,097,203	12,391,097	*	*
203 FOREST FIRE PROTECT	30	71.3	7,015,268	8,021,673	*	*
204 CNTL PESTS FRT & VE	558	204.7	12,061,933	24,002,331	*	*
205 CNTL DISE FRT & VEG	876	276.9	12,918,132	31,613,563	*	*
206 CNTL WEEDS FRT & VE	234	58.2	2,683,803	6,784,831	*	*
207 CNTL PESTS FLD CROP	788	322.4	21,442,172	37,241,032	*	*
208 CNTL DIS FIELD CROP	976	352.1	19,827,335	37,914,380	*	*
209 CNTL WEEDS FLD CROP	472	151.6	9,129,341	18,790,515	*	*
210 CNTL PESTS ANIMALS	185	87.1	7,299,099	9,393,514	*	*
211 CNTL DIS ANIMALS	1033	424.1	42,902,672	66,794,658	*	*
212 CNTL INTER PARASITE	149	69.9	6,259,885	9,177,510	*	*
213 PROT ANMLS FROM TOX	160	55.5	4,363,398	6,632,211	*	*
214 PROTECT FROM POLLUT	281	71.2	3,985,299	10,116,519	*	*
SUBTOTAL	6181	2401.4	171,475,358	297,207,633	*	*
SERIES 300						
301 GENET BREED FORST T	144	81.7	5,050,040	9,505,377	*	*
302 IMP FOREST ENG SIS	43	34.9	2,307,335	3,612,210	*	*
303 ECON TIMBER PRODUCT	59	31.7	1,077,200	2,950,701	*	*
304 IMP BIO EFF FRT & V	1143	391.3	13,625,612	46,507,480	*	*
305 MCH PROD FRT & VEG	166	46.0	2,032,868	5,127,989	*	*
306 PROD MGMT SYS F & V	101	22.7	359,134	2,260,258	*	*
307 IMP BIO EFF FLD CROP	1929	807.4	32,293,050	100,541,398	*	*
308 MCH PROD FIELD CROP	170	67.8	5,119,429	8,287,684	*	*
309 PROD MGMT SYS FLC C	303	75.0	2,602,118	9,286,764	*	*
310 ANIMAL REPRODUCTION	549	216.6	12,814,740	34,690,443	*	*
311 IMP BIO EFF ANML PH	1415	543.9	29,090,729	105,871,518	*	*
312 ENV STRESS IN ANML	219	59.7	2,687,592	9,146,967	*	*
313 PROD MGMT SYS ANML	311	75.2	2,941,002	11,940,316	*	*
314 BEES OTH POLLNTNG I	93	48.7	3,221,503	4,376,369	*	*
315 IMP STRUC FARM SUPP	155	45.0	1,956,807	5,642,985	*	*
316 FARM BUSINESS MGMT	153	53.0	1,304,349	4,145,176	*	*
317 MCH/STRUCTS ANMIL P	93	25.6	1,582,018	3,118,302	*	*
318 NON-COM BIO TECH/BI	1421	678.5	39,969,186	85,356,996	*	*
SUBTOTAL	8467	3304.7	159,634,714	452,368,933	*	*
SERIES 400						
401 NEW IMP FOREST PROD	208	215.2	15,046,311	24,539,381	*	*
402 PROD F & V IMP ACCE	310	74.5	2,666,434	8,502,186	*	*
403 NEW & IMP F&V PRCD	239	116.2	6,149,869	10,617,602	*	*
404 MKTG QLTY FRTS & VEG	258	107.1	7,090,148	11,733,620	*	*
405 PROD FLD CROP IME A	393	148.9	9,346,891	15,910,884	*	*
406 NEW IMP FOOD FLD CB	197	132.4	9,795,991	13,415,743	*	*
407 NEW IMP NOM-FOOD FC	144	111.4	9,476,036	10,338,806	*	*
408 MKT QLTY FIELD CROP	167	63.0	4,545,338	6,256,737	*	*
409 PROD ANML PR IMP AC	170	52.7	2,824,240	7,406,031	*	*
410 IMP MEAT MILK EGG P	286	118.4	5,355,006	13,274,008	*	*
411 IMP NON-FOOD ANMIL P	38	34.9	3,384,851	3,530,684	*	*
412 MKT QLTY ANIMAL PRO	134	34.9	1,532,681	3,698,944	*	*
SUBTOTAL	2544	1201.5	77,213,792	129,224,586	*	*
SERIES 500						
501 IMP GRADES & STANDS	89	41.2	2,856,587	4,334,897	*	*
502 MKTG TIMBER PRODUCT	38	35.8	2,666,301	3,195,120	*	*
503 MKTG EFF AGRI PRODS	255	79.4	3,884,959	6,819,753	*	*
506 SPLY DEMAND AND PRI	192	109.7	5,353,874	8,128,632	*	*
507 COMP REL IN AGRIC	68	13.9	417,028	1,028,787	*	*
508 DOMESTIC MKT DEVELOP	46	13.6	193,606	909,559	*	*
509 PERFORMANCE MKTG SY	155	59.9	3,419,181	6,102,769	*	*
510 GROUP ACT MKT POWER	58	11.1	619,607	935,735	*	*
511 IMP AGRIC STATICIAN	41	29.9	1,938,403	3,280,610	*	*
512 IMP GRADES FRTS PRO	19	13.3	792,918	1,140,117	*	*
513 PRICE ANAL FRST FBO	28	12.4	667,717	1,111,495	*	*
SUBTOTAL	989	420.3	22,810,181	36,987,474	*	*
SERIES 600						
601 PGW MKT DEVELOP	147	127.0	8,549,517	9,439,658	*	*
602 EVAL PGW FOOD AID P	5	3.4	214,372	287,049	*	*
603 TECH AID DEV CTRY	85	42.1	1,327,757	3,187,602	*	*
604 PRD DVLPMT/MKTG PRG	28	22.3	2,274,680	2,329,577	*	*
SUBTOTAL	265	194.8	12,366,326	15,243,887	*	*
SERIES 700						
701 TOX RES IN FOOD	295	103.5	7,702,865	13,271,033	*	*
702 FOOD PROT FROM TOX	301	152.1	10,848,467	16,809,470	*	*
703 FOOD CONSUMP HABITS	178	70.6	7,878,016	9,882,293	*	*
704 HOME COMM FOOD SERV	47	12.7	542,075	1,300,319	*	*
705 SEL CARE CLOTH & TE	68	20.5	644,872	1,578,779	*	*
706 CONTR INSECTS APP M	155	68.0	4,014,705	7,077,274	*	*
707 TRANS ANML MAN DI	27	9.8	175,427	1,201,529	*	*
708 HUMAN NUTRITION	508	228.0	25,403,647	35,125,247	*	*
709 REDUCE HAZ HLTH & S	131	81.7	7,304,512	8,107,528	*	*
SUBTOTAL	1710	746.9	64,514,587	94,353,472	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SAES SYN 1980	WITH SAES AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	71	35.6	1,497,533	2,557,573	*	*
802 INDIV & FAM DEC BAK	204	59.3	1,736,347	5,042,467	*	*
803 RURAL POVERTY	48	12.4	979,452	1,320,486	*	*
804 ECON POTENT RURAL PE	113	50.1	2,087,066	3,570,814	*	*
805 COMMUNICAT RURAL PE	146	41.8	1,026,267	4,632,527	*	*
806 ADJUSTMENT TO CHANG	185	63.3	2,276,761	4,680,616	*	*
807 AGRIC ECONOMIC CHAN	159	93.8	6,749,173	9,426,584	*	*
808 GOVT PROGRAMS	63	44.6	3,058,939	3,688,719	*	*
SUBTOTAL	989	400.7	19,407,538	34,879,784	*	*
SERIES 900						
901 ALLEV POLLUTION	748	312.2	17,092,197	37,369,964	*	*
902 OUTDOOR RECREATION	175	77.1	3,392,690	7,167,035	*	*
903 MULTI-USE-FOREST PO	105	48.9	3,752,874	6,242,118	*	*
904 WLDLIFE AND FISH ECO	640	219.9	9,075,762	28,768,721	*	*
905 TREES BEAUTIFICATIO	132	44.5	3,262,031	5,715,343	*	*
906 ORNAMENT & TURF DEV	652	249.1	7,691,508	25,283,363	*	*
907 RURAL INCOME IMP	173	45.2	1,822,814	3,693,045	*	*
908 RURAL INSTITUT IMP	264	75.4	2,836,640	6,993,209	*	*
990 UNCLASSIFIED	70	19.5	2,735,530	5,100,658	*	*
SUBTOTAL	2959	1091.8	51,662,046	126,329,456	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL	27558	11311.6	683,898,853	1,367,211,972	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PBOJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1401	489.6	24,200,975	56,773,934	*	*
0200 WATER	974	324.7	21,725,782	38,080,073	*	*
0300 WATERSHEDS RIVER BAS	229	169.9	16,586,641	21,164,424	*	*
0400 AIR AND CLIMATE	169	53.1	2,444,474	6,366,475	*	*
0500 RECREATION RESOURCES	154	76.4	4,921,746	8,795,505	*	*
0600 TIMBER FOREST PRODUCT	1199	1080.6	89,557,616	125,846,162	*	*
0700 RANGE	374	158.8	11,078,130	18,625,127	*	*
0800 WILDLIFE AND FISH	646	233.9	9,831,856	30,343,804	*	*
0900 CITRUS SUB TROP FRUIT	398	204.4	10,908,407	22,859,642	*	*
1000 FRUIT NUTS DECIDUCUS	1195	464.0	19,623,040	51,541,175	*	*
1100 POTATOES	353	117.2	5,786,397	13,256,615	*	*
1200 VEGETABLES	1608	536.6	22,469,650	58,055,196	*	*
1300 ORNAMENTALS TURF	673	256.5	8,276,497	26,545,720	*	*
1400 CORN	1117	313.4	16,715,802	35,972,775	*	*
1500 GRAIN SORGHUM	400	89.4	3,231,376	9,252,514	*	*
1600 RICE	174	65.6	2,753,180	6,815,062	*	*
1700 WHEAT	851	255.7	13,334,341	27,715,234	*	*
1800 OTHER SMALL GRAINS	505	114.6	5,555,421	12,847,761	*	*
1900 PASTURE	197	41.6	1,681,620	4,873,141	*	*
2000 FORAGE CROPS	1111	361.4	18,375,293	41,985,936	*	*
2100 COTTON	588	322.8	24,738,480	37,152,364	*	*
2200 COTTONSEED	60	25.0	2,188,738	2,448,860	*	*
2300 SOYBEANS	1056	345.3	19,021,638	39,449,787	*	*
2400 PEANUTS	225	77.3	4,350,485	8,546,727	*	*
2500 OTHER OILSEED CROPS	165	48.8	2,162,884	5,074,602	*	*
2600 TOBACCO	214	99.1	5,613,652	11,290,979	*	*
2700 SUGAR CROPS	273	104.3	8,879,870	13,134,273	*	*
2800 MISC NEW CROPS	199	63.0	4,456,883	6,814,609	*	*
2900 POULTRY	858	335.4	19,465,936	41,936,127	*	*
3000 BEEF CATTLE	1651	613.6	41,680,291	100,601,245	*	*
3100 DAIRY CATTLE	1346	412.8	30,022,033	68,129,698	*	*
3200 SWINE	764	244.2	20,086,134	41,195,428	*	*
3300 SHEEP AND WOOL	450	124.8	10,719,752	18,519,462	*	*
3400 OTHER ANIMALS	451	103.2	4,381,274	12,827,714	*	*
3500 BEES AND HONEY	93	48.7	3,221,503	4,376,369	*	*
3600 FARM SUPP & FACILITS	111	31.6	1,180,159	3,911,442	*	*
3700 CLOTHING & TEXTILES	69	20.8	645,011	1,602,299	*	*
3800 FOOD	585	249.1	22,309,854	35,880,107	*	*
3900 HOUSING & EQUIP	255	76.4	4,508,310	9,140,417	*	*
4000 PEOPLE AS INDIVIDUAL	728	261.8	15,124,765	27,730,605	*	*
4100 FAMILY MEMBERS	254	86.9	6,015,181	9,880,832	*	*
4200 FARM AS BUSINESS	207	70.2	1,914,652	5,527,851	*	*
4300 SOC POLIT ORGANIZ	433	133.2	4,604,279	11,612,645	*	*
4400 AGRIC ECONOMY U S	143	129.6	9,406,049	11,753,758	*	*
4500 AGRIC ECONOMY FORGN	126	123.0	8,281,201	8,992,388	*	*
4600 FARM COOPERATIVES	62	15.2	787,259	1,128,287	*	*
4700 OTH MARKET PROCESS	41	7.4	169,364	671,095	*	*
4800 MARKETING SYSTEMS	103	34.8	2,529,397	4,361,147	*	*
6100 WEEDS	108	32.7	2,897,379	4,058,449	*	*
6200 SEED RESEARCH	54	23.8	1,711,984	2,908,386	*	*
6300 BIO CELL SYSTEMS	282	91.7	4,774,527	14,615,751	*	*
6400 EXP DESIGN/STAT METH	76	40.2	1,319,280	4,189,784	*	*
6500 INVERTEBRATES	352	211.0	12,695,068	21,929,812	*	*
6600 MICROORGANISMS, VIBUS	354	114.2	7,271,449	17,383,581	*	*
6700 PLANTS	1088	438.3	31,056,385	55,443,479	*	*
6800 ANIMALS (VERTEBRATES)	500	177.9	6,664,225	22,695,886	*	*
6900 RESEARCH ON RSCH MGM	34	12.6	326,845	1,279,367	*	*
7000 RSCH EQUIP & TECHNOL	114	60.4	6,481,880	8,260,750	*	*
9900 UNCLASSIFIED	60	18.1	2,416,624	4,738,102	*	*
TOTAL	28260	10836.2	665,055,178	1,318,910,941	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CB ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SAES SYS 1980	AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL SES	214	72.8	1,068,190	8,222,497	*	*
102 SOIL PLNT WTR NUTRI	734	246.5	13,225,641	29,371,954	*	*
103 MGMT OF SALINE SCIL	72	30.0	1,999,607	3,363,233	*	*
104 ALTERN USE OF LAND	192	71.8	2,710,781	6,834,311	*	*
105 CONSERV USE OF WATE	398	140.8	9,976,051	15,705,609	*	*
106 DRAIN AND IRRIGATI	194	68.7	5,692,406	8,225,000	*	*
107 WATERSHED PROT & MG	293	215.7	20,594,642	26,558,846	*	*
108 ECON LEG PROB OF WA	45	25.7	1,207,888	2,872,636	*	*
109 WEATHER ADAPT & MOD	153	43.6	1,932,002	5,273,609	*	*
110 APPRAIS FORST & RAN	127	94.2	11,899,401	15,257,989	*	*
111 BIOL CULT MGMT FCBS	332	287.0	20,355,084	29,742,856	*	*
112 IMPROV RANGE RESCR	233	90.2	5,748,705	10,582,131	*	*
113 REMOTE SENSING	52	44.9	6,288,261	7,646,111	*	*
114 RSCH ON MGMT OF ESC	32	12.4	326,845	1,089,542	*	*
SUBTOTAL	3071	1444.2	103,025,465	170,346,325	*	*
SERIES 200						
201 CNTRL FORST INSECTS	205	144.0	12,382,180	16,993,754	*	*
202 CONTROL FOREST DIS	141	90.2	6,944,520	11,713,016	*	*
203 FOREST FIRE PROTECT	26	70.9	7,015,264	7,975,572	*	*
204 CNTK PESTS FRT & VE	554	204.4	12,031,180	23,969,408	*	*
205 CNTK DISE FRT & VEG	866	275.5	12,799,707	31,423,169	*	*
206 CNTK WEEDS FRT & VE	226	57.5	2,673,460	6,729,965	*	*
207 CNTK PESTS FLD CROP	776	319.3	21,309,753	36,977,496	*	*
208 CNTK DIS FIELD CROP	963	344.3	19,591,517	37,429,018	*	*
209 CNTK WEEDS FLD CROP	469	149.9	8,991,289	18,649,872	*	*
210 CONTR PESTS ANIMALS	182	86.0	7,186,644	9,242,141	*	*
211 CONTR DIS ANIMALS	1021	417.0	42,653,668	66,322,200	*	*
212 CNTK INTER PARASITE	148	69.6	6,259,885	9,132,924	*	*
213 PROT ANBLS FROM TOX	158	55.2	4,339,315	6,608,129	*	*
214 PROTECT FROM POLLUT	264	67.5	3,948,075	9,482,006	*	*
SUBTOTAL	5999	2351.4	170,126,458	292,648,670	*	*
SERIES 300						
301 GENET BREED FOREST T	108	68.0	4,907,867	8,335,710	*	*
302 IMP FOREST ENG SYS	32	29.1	2,202,235	3,169,240	*	*
303 ECON TIMBER PRODUCT	44	24.5	1,048,318	2,431,924	*	*
304 IMP BIO EFF FRT & V	1109	382.6	12,326,822	44,964,387	*	*
305 MECH PROD FRT & VEG	164	45.8	2,012,811	5,104,554	*	*
306 PROD MNGT SYS F & V	99	22.7	324,904	2,226,028	*	*
307 IMP BIO EFF FLD CRP	1883	791.9	30,995,640	98,659,607	*	*
308 MECH PROD FIELD CRO	169	67.6	5,119,429	8,284,306	*	*
309 PROD MNGT SYS FLC C	300	74.5	2,585,635	9,213,172	*	*
310 ANIMAL REPRODUCTION	529	209.8	11,510,879	33,713,087	*	*
311 IMP BIO EFF ANML PR	1371	529.9	27,191,726	102,888,509	*	*
312 ENV STRESS IN ANML	217	58.8	2,687,592	9,084,508	*	*
313 PROD MNGT SYS ANML	302	71.4	2,558,436	11,859,127	*	*
314 BEES OTH POLLUTNG I	93	48.7	3,221,503	4,376,369	*	*
315 IMP STRUC FARM SUPP	148	43.0	1,935,570	5,483,446	*	*
316 FARM BUSINESS MNGT	148	49.9	1,104,508	3,904,185	*	*
317 MECH/STRUCTS ANML P	92	25.4	1,582,018	3,111,546	*	*
318 NON-COR BIO TECH/BI	1391	663.4	39,872,033	84,434,354	*	*
SUBTOTAL	8199	3207.2	153,147,526	440,844,460	*	*
SERIES 400						
401 NEW IMP FOREST PROD	146	173.7	14,820,922	20,607,216	*	*
402 PROD F & V IMP ACCE	304	72.9	2,595,290	8,342,817	*	*
403 NEW & IMP F&V PCBD	239	116.2	6,149,869	10,617,602	*	*
404 MKT QLAL PFTS & VEG	258	107.1	7,090,148	11,733,620	*	*
405 PROD FLD CROP IME A	383	143.0	9,238,056	15,644,291	*	*
406 NEW IMP FOOD FLD CR	189	130.7	9,624,966	13,154,664	*	*
407 NEW IMP NON-FOOD FC	144	111.4	9,476,036	10,338,806	*	*
408 MKT QLAL FIELD CROP	167	63.0	4,545,334	6,256,737	*	*
409 PROD ANNL PR IMP AC	157	46.6	2,157,561	6,531,780	*	*
410 IMP MEAT MILK EGG P	285	114.2	5,326,068	13,245,070	*	*
411 IMP NON-FOOD ANML P	36	34.5	3,296,973	3,442,806	*	*
412 MKT QLAL ANIMAL PRO	131	34.1	1,418,531	3,574,795	*	*
SUBTOTAL	2439	1147.3	75,739,754	123,490,204	*	*
SERIES 500						
501 IMP GRADES & STANDS	89	41.2	2,856,587	4,334,897	*	*
502 HKTG TIMBER PRODUCT	30	33.0	2,647,075	3,007,175	*	*
503 HKTG EFF AGRI PRCD	252	78.2	3,884,959	6,726,104	*	*
506 SPLY DEMAND AND PRI	191	108.7	5,303,360	8,078,118	*	*
507 COMP REL IN AGRIC	68	13.9	417,028	1,028,787	*	*
508 DOMESTIC HKT DEVELOP	45	13.5	188,193	904,018	*	*
509 PERFORMANCE HKTG SY	154	59.9	3,419,181	6,101,147	*	*
510 GROUP ACT HKT POWER	56	10.5	589,873	903,079	*	*
511 IMP AGRIC STATIC	39	29.6	1,896,318	3,231,953	*	*
512 IMP GRADES FRST PRO	15	12.1	792,918	1,046,197	*	*
513 PRICE ANAL FRST PRO	18	9.3	632,795	873,685	*	*
SUBTOTAL	957	409.9	22,626,287	36,235,160	*	*
SERIES 600						
601 FGW HKT DEVELOP	147	127.0	8,549,517	9,439,658	*	*
602 EVAL FGW FOOD AIE P	5	3.4	214,372	287,049	*	*
603 TECH AID DEV CRTY	80	38.9	1,325,975	2,937,723	*	*
604 PRD DVLPMT/HKTG PRG	28	22.3	2,274,680	2,329,577	*	*
SUBTOTAL	260	191.6	12,364,584	14,994,008	*	*
SERIES 700						
701 TOX RES IN FOOD	286	99.3	7,319,203	12,812,088	*	*
702 FOOD PROT FROM TCX	292	150.0	10,746,942	16,595,395	*	*
703 FOOD CONSUM HABITS	143	59.7	7,322,551	8,770,940	*	*
704 HOME CORN FOOD SERV	44	12.6	528,698	1,281,629	*	*
705 SEL CARE CLOTH & TE	61	18.4	558,226	1,418,374	*	*
706 CONTR INSECTS AFE M	155	68.0	4,018,705	7,077,274	*	*
707 TRANS ANML HAN DI	27	9.8	175,427	1,201,529	*	*
708 HUMAN NUTRITION	456	207.7	24,154,727	33,265,613	*	*
709 REDUCE HAZ BLTH & S	127	78.6	7,207,216	7,837,544	*	*
SUBTOTAL	1591	704.1	62,027,696	90,260,387	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	65	24.8	1,455,448	2,388,009	*	*
802 INDIV & FAM DEC MAK	182	51.0	1,049,985	4,140,642	*	*
803 RURAL POVERTY	26	5.3	167,190	405,592	*	*
804 ECON POTENT RURAL PE	93	42.1	1,817,461	3,149,013	*	*
805 COMMUNICAT RURAL PE	128	37.4	461,872	3,399,866	*	*
806 ADJUSTMENT TO CHANG	166	59.5	2,157,740	4,340,054	*	*
807 AGRIC ECONOMIC CHAN	152	92.7	6,673,559	9,299,343	*	*
808 GOV'T PROGRAMS	63	44.6	3,054,939	3,648,719	*	*
SUBTOTAL	875	357.4	16,838,194	30,771,238	*	*
SERIES 900						
901 ALLEV POLLUTION	710	291.3	16,150,323	35,678,920	*	*
902 OUTDOOR RECREATION	180	67.4	3,255,055	6,381,239	*	*
903 MULTI-USE-FOREST PO	80	43.9	3,611,077	5,731,444	*	*
904 WDLF & FISH ECO	543	195.8	8,448,665	25,910,713	*	*
905 TREES BEAUTIFICATIO	118	40.5	3,262,031	5,359,762	*	*
906 ORNAMENT & TURF DEV	650	249.1	7,691,508	25,258,249	*	*
907 RURAL INCOME IMP	168	44.6	1,822,818	3,620,987	*	*
908 RURAL INSTITUT IMP	256	72.5	2,499,158	6,641,073	*	*
990 UNCLASSIFIED	60	18.1	2,416,624	4,738,102	*	*
SUBTOTAL	2721	1023.0	49,157,254	119,320,489	*	*
SCIENCE IN SERV OF MAN					*	*
GRAND TOTAL	26112	10836.2	665,055,178	1,318,910,941	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO PROJ	SCIENTIST OF YEARS	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COW/GT/CA WITH SAES SYS 1980	WHT UNT 1980
0100 SOIL AND LAND	297	165.2	18,847,012	19,168,287	10.2	1,372,475
0200 WATER	282	170.1	19,178,199	19,513,534	15.3	1,714,258
0300 WATERSHEDS RIVER BAS	106	142.7	16,069,195	17,502,695	3.1	199,124
0400 AIR AND CLIMATE	29	17.0	1,819,846	1,901,386	0.0	60,000
0500 RECREATION RESOURCES	22	36.1	4,231,650	5,273,570	0.0	0
0600 TIMBER FOREST PRODUCT	228	730.2	81,719,197	88,299,733	3.3	632,830
0700 RANGE	106	83.2	10,110,776	10,582,700	1.2	131,225
0800 WILDLIFE AND FISH	51	67.8	7,840,507	8,592,147	0.1	553,515
0900 CITRUS SUB TROP FRUT	110	84.5	9,770,828	9,770,828	5.8	557,125
1000 FRUIT NUTS DECIDUOUS	185	114.0	13,867,411	13,867,411	1.7	897,723
1100 POTATOES	56	38.3	4,204,884	4,204,884	0.4	137,266
1200 VEGETABLES	292	129.4	15,400,062	15,400,062	12.0	1,968,800
1300 ORNAMENTALS TURF	70	34.9	4,978,180	4,978,180	2.8	128,408
1400 CORN	219	116.9	12,322,528	12,322,528	3.8	989,760
1500 GRAIN SORGHUM	85	24.8	2,445,526	2,445,526	0.2	24,804
1600 RICE	48	24.3	2,298,413	2,298,413	0.2	33,681
1700 WHEAT	198	108.4	10,867,735	10,867,735	3.8	657,733
1800 OTHER SMALL GRAINS	99	37.1	4,216,986	4,216,986	1.2	450,940
1900 PASTURE	35	9.7	1,106,818	1,106,818	0.9	142,528
2000 FORAGE CROPS	205	114.7	12,915,154	12,915,154	8.6	863,897
2100 COTTON	223	207.2	22,676,141	22,676,141	9.1	493,205
2200 COTTONSEED	40	23.4	2,094,235	2,094,235	2.0	5,646
2300 SOYBEANS	210	124.5	14,579,335	14,579,335	2.4	1,459,133
2400 PEANUTS	72	38.6	3,858,680	3,858,680	0.0	85,337
2500 OTHER OILSEED CROPS	45	20.6	1,858,785	1,858,785	0.2	127,771
2600 TOBACCO	51	83.7	4,763,450	4,763,450	6.6	733,788
2700 SUGAR CROPS	109	56.6	7,933,440	7,933,440	1.7	229,891
2800 MISC NEW CROPS	60	37.1	3,902,097	3,902,097	2.7	666,913
2900 POULTRY	111	82.5	12,333,433	12,333,433	1.4	1,248,779
3000 BEEF CATTLE	281	191.2	29,525,253	29,525,253	11.9	2,817,330
3100 DAIRY CATTLE	201	98.4	19,991,689	19,991,689	1.6	2,653,871
3200 SWINE	157	88.1	15,170,730	15,170,730	9.5	1,882,831
3300 SHEEP AND WOOL	100	53.6	8,938,924	8,938,924	2.4	914,163
3400 OTHER ANIMALS	47	13.5	2,775,670	2,775,670	2.1	851,302
3500 BEES AND HONEY	46	32.7	2,989,545	2,989,545	3.3	225,643
3600 FARM SUPP & FACILITS	15	7.1	752,465	752,465	0.0	129,396
3700 CLOTHING & TEXTILES	5	4.5	286,720	286,720	1.0	17,708
3800 FOOD	105	100.7	18,828,201	18,828,201	3.4	1,220,876
3900 HOUSING & EQUIP	42	28.0	3,788,098	3,932,928	2.0	617,740
4000 PEOPLE AS INDIVIDUAL	97	98.4	12,314,368	12,314,368	2.7	1,119,209
4100 FAMILY MEMBERS	35	23.6	4,944,593	4,944,593	1.1	293,842
4200 FARM AS BUSINESS	3	5.7	491,000	491,000	0.0	0
4300 SOC POLIT ORGANIZ	36	23.1	1,751,688	1,875,488	0.0	163,688
4400 AGRIC ECONOMY U S	34	99.0	8,782,200	8,799,200	0.0	58,200
4500 AGRIC ECONOMY FORGN	96	113.6	8,196,000	8,196,000	0.0	0
4600 FARM COOPERATIVES	26	9.0	655,900	655,900	0.0	73,100
4800 MARKETING SYSTEMS	6	5.5	1,852,836	1,852,836	0.0	14,550
6100 WEEDS	53	20.2	2,703,317	2,703,317	0.2	36,245
6200 SEED RESEARCH	18	14.2	1,606,863	1,606,863	0.5	53,465
6300 BIO CELL SYSTEMS	59	11.0	3,869,976	3,869,976	0.0	45,282
6400 EXP DESIGN/STAT METH	3	14.5	1,188,500	1,188,500	0.0	0
6500 INVERTEBRATES	85	118.2	11,662,507	11,662,507	10.3	543,146
6600 MICROORGANISMS, VIRUS	99	25.4	6,229,170	6,229,170	2.3	362,653
6700 PLANTS	334	215.5	27,725,281	27,725,281	6.4	2,689,706
6800 ANIMALS (VERTEBRATES)	77	37.7	5,057,015	5,057,015	2.6	740,141
6900 RESEARCH ON ESCH EGM	1	0.0	212,981	212,981	0.0	212,981
7000 RSCH EQUIP & TECHNOL	17	39.3	6,292,814	6,292,814	2.9	201,488
9900 UNCLASSIFIED	4	4.4	1,029,189	1,029,189	0.0	554,880
TOTAL	5726	4376.1	537,823,993	549,127,293	166.5	35,059,987

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PBOJ	SCIENTIST YEARS 1980	REG PFD APPR/ CR ADMS/STD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SADS AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	1	0.4	116,926	116,926	0.0	0
102 SOIL PLNT WTR NUTRI	169	91.3	10,550,932	10,602,772	8.4	881,423
103 MGMT OF SALINE SOIL	12	14.9	1,850,293	1,850,293	1.2	168,894
104 ALTERN USE OF LAND	19	19.3	1,811,700	1,883,500	0.0	84,236
105 CONSERV USE OF WATE	125	80.8	9,094,071	9,161,821	5.4	858,806
106 DRAIN AND IRRIGATIO	67	41.7	5,236,088	5,236,088	9.8	1,194,764
107 WATERSHED PROT & MG	144	175.2	19,879,923	21,545,798	8.4	527,574
108 ECON LEG PROB OF WA	5	10.0	1,035,025	1,046,865	0.0	49,080
109 WEATHER ADAPT & MOD	18	9.7	1,252,486	1,252,486	1.6	79,394
110 APPRAIS FOREST & SAN	17	66.7	11,454,866	12,334,156	0.0	0
111 BIOL CULT MGMT FCRS	61	199.3	18,277,335	20,782,864	0.0	59,929
112 IMPROV RANGE RESCR	64	42.5	5,144,407	5,349,257	1.2	118,942
113 REMOTE SENSING	11	35.6	6,137,976	6,137,976	2.9	156,206
114 ESCH ON RGHT OF RSC	1	0.0	212,981	212,981	0.0	212,981
SUBTOTAL	714	787.5	92,055,808	97,473,782	34.8	4,352,229
SERIES 200						
201 CNTRL FORST INSECTS	44	104.6	11,534,864	11,943,335	2.9	181,510
202 CONTROL FOREST DIS	26	55.6	8,193,614	8,723,539	0.0	1,514
203 FOREST FIRE PROTECT	19	69.3	7,006,450	7,769,330	0.0	0
204 CNTR PESTS FRT & VE	134	75.1	10,147,670	10,147,670	4.4	841,006
205 CNTR DISE FRT & VEG	177	74.4	9,510,635	9,510,635	9.7	1,125,545
206 CNTR WEEDS FRT & VE	55	14.7	1,943,161	1,943,161	1.7	245,362
207 CNTR PESTS FLD CBOP	236	157.4	17,819,293	17,819,293	9.8	537,755
208 CNTR DIS FIELD CBOP	264	130.5	15,325,655	15,325,655	4.5	1,021,518
209 CNTR WEEDS FLD CBOP	140	58.1	7,268,142	7,268,142	2.8	684,991
210 CONTR PESTS ANIMALS	47	54.2	6,500,420	6,500,420	2.5	729,656
211 CONTR DIS ANIMALS	217	131.7	34,614,661	34,614,661	10.2	6,348,919
212 CNTR INTER PARASITE	31	35.0	5,325,674	5,325,674	1.8	563,692
213 PROT ANMLS FROM TOX	34	27.0	3,703,437	3,703,437	1.9	681,379
214 PROTECT FROM POLLUT	32	23.1	3,167,093	3,275,043	0.4	512,788
SUBTOTAL	1456	1010.6	142,060,768	143,869,994	52.7	13,475,636
SERIES 300						
301 GENET BREED FORST T	14	38.4	3,793,676	4,276,216	0.0	19,976
302 IMP FOREST ENG SYS	6	17.8	1,997,872	2,028,772	0.0	17,372
303 ECON TIMBER PRODUCT	6	11.2	802,095	813,005	0.0	34,745
304 IMP BIO EFF FRT & V	115	53.5	7,517,665	7,517,665	1.6	524,697
305 MECH PROD FRT & VEG	25	11.9	1,276,918	1,276,918	0.6	114,230
306 PROD MGMT SYS F & V	4	0.7	82,054	82,054	0.2	32,147
307 IMP BIO EFF FLD CRP	332	173.8	20,999,517	20,999,517	8.8	1,416,250
308 MECH PROD FIELD CRO	60	36.2	4,529,218	4,529,218	1.6	208,463
309 PROD MGMT SYS FLD C	33	7.7	1,238,252	1,238,252	0.7	449,940
310 ANIMAL REPRODUCTION	48	42.3	6,554,488	6,554,488	5.2	591,073
311 IMP BIO EFF ANML PR	128	71.8	14,287,480	14,287,480	1.4	654,716
312 ENV STRESS IN ANML	25	9.9	1,360,654	1,360,654	1.0	150,581
313 PROD MGMT SYS ANML	15	3.9	911,769	911,769	0.0	94,365
314 BEES OTH POLLNTNG I	46	32.7	2,989,545	2,989,545	3.3	225,643
315 IMP STRUC FARM SUPP	23	6.6	1,384,740	1,344,740	0.5	554,892
317 MECH/STRUCTS ANML P	13	5.9	1,228,735	1,228,735	0.1	103,329
318 NON-COM BIO TECH/BI	352	246.0	35,295,864	35,295,864	16.0	1,610,404
SUBTOTAL	1245	770.1	106,210,540	106,734,890	40.8	6,802,824
SERIES 400						
401 NEW IMP FOREST PBOD	27	113.1	13,696,988	14,574,858	0.0	266,488
402 PROD F & V IMP ACCE	41	14.2	1,755,988	1,755,988	0.0	42,425
403 NEW & IMP PGV PRCD	50	56.5	5,115,904	5,115,904	1.0	181,374
404 MKT QLAL FRTS & VEG	79	56.5	5,802,402	5,802,402	0.8	96,786
405 PROD FLD CROP IMP A	127	77.9	7,874,222	7,874,222	3.5	309,646
406 NEW IMP FOOD FLD CR	56	97.3	8,860,716	8,860,716	2.0	35,254
407 NEW IMP NON-FOOD FC	76	93.7	9,174,258	9,174,258	0.6	651,239
408 MKT QLAL FIELD CBOP	65	42.8	4,113,200	4,113,200	0.0	113,270
409 PROD ANML PR IMP AC	6	4.1	663,266	663,266	0.0	0
410 IMP MEAT MILK EGG P	21	32.5	3,316,647	3,316,647	0.4	8,976
411 IMP NON-FOOD ANNL P	14	33.3	3,249,812	3,249,812	3.4	309,146
412 MKT QLAL ANIMAL EBO	15	7.1	751,955	751,955	0.0	0
SUBTOTAL	577	628.9	64,375,357	65,253,227	11.7	2,014,604
SERIES 500						
501 IMP GRADES & STANDS	26	22.7	2,484,013	2,484,013	0.0	102,437
502 MKTG TIMBER PRODUCT	7	28.1	2,529,800	2,606,560	0.0	0
503 MKTG EFF AGRI PRODS	45	26.5	2,395,258	2,395,258	0.0	0
506 SPLY DEMAND AND PRI	30	60.9	3,881,175	3,881,175	0.0	0
507 COMP REL IN AGRIC	3	0.3	58,715	58,715	0.0	37,715
508 DOMESTIC MKT DEVELOP	1	0.0	17,100	17,100	0.0	17,100
509 PERFORMANCE MKTG SY	8	13.1	2,311,641	2,311,641	0.0	43,650
510 GROUP ACT MKT POWER	26	5.0	470,450	470,450	0.0	87,650
511 IMP AGRIC STATICISTIC	3	19.5	1,834,000	1,834,000	0.0	0
512 IMP GRADES FST PRO	2	9.0	754,000	788,300	0.0	0
513 PRICE ANAL FST PRO	3	6.2	583,000	603,540	0.0	0
SUBTOTAL	154	191.2	17,319,152	17,450,752	0.0	288,552
SERIES 600						
601 FGM MKT DEVLP	96	113.9	8,163,000	8,163,000	0.0	0
602 EVAL FGM FOOD AID P	1	2.7	210,000	210,000	0.0	0
603 TECH AID DEV CTRY	20	18.4	1,280,943	1,280,943	1.6	171,211
604 PRD DVLPMT/MKT FGM	19	21.9	2,267,281	2,267,281	0.0	0
SUBTOTAL	136	156.9	11,921,224	11,921,224	1.6	171,211
SERIES 700						
701 TOX RES IN FOOD	77	40.9	6,151,484	6,151,484	0.6	1,945,051
702 FOOD PROT FROM TOX	88	94.2	9,386,552	9,386,552	2.2	432,763
703 FOOD CONSUM HABITS	19	29.2	6,637,049	6,637,049	1.9	896,651
704 HOME COMM FOOD SERV	3	2.0	263,100	263,100	0.0	0
705 SEL CARE CLOTH & TE	5	4.5	286,720	286,720	1.0	17,708
706 CONTR INSECTS APP M	28	29.2	3,444,750	3,444,750	1.0	369,614
707 TRANS ANIMAL MAN DI	2	1.1	99,182	99,182	0.0	14,653
708 HUMAN NUTRITION	130	108.4	22,100,245	22,100,245	3.6	1,362,913
709 REDUCE HAZ HLTH & S	66	71.6	6,980,000	6,980,000	6.1	731,716
SUBTOTAL	418	381.1	55,349,082	55,349,082	16.4	5,771,069

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CB ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SAMS 1980
SERIES 800						
801 RURAL HOUSING	11	14.3	1,242,608	1,280,958	0.0	0
802 INDIV & FAM DEC BAK	9	4.7	366,413	366,413	0.7	55,687
803 RURAL POVERTY	1	0.0	10,913	10,913	0.0	10,913
804 ECON POTENT BURL PE	7	17.2	1,304,440	1,304,440	0.0	0
805 COMMUNICAT RURAL PE	2	1.1	57,499	57,499	0.1	7,499
806 ADJUSTMENT TO CHANG	8	12.3	1,204,473	1,204,473	0.0	10,913
807 AGRIC ECONOMIC CHAN	16	54.7	5,850,200	5,867,200	0.0	58,200
808 GOV'T PROGRAMS	19	36.4	2,889,000	2,889,000	0.0	0
SUBTOTAL	73	140.7	12,925,545	12,980,895	0.8	143,211
SERIES 900						
901 ALLEV POLLUTION	124	118.9	12,891,521	13,246,011	4.3	592,708
902 OUTDOOR RECREATION	16	27.1	2,595,750	2,874,930	0.0	0
903 MULTI-USE-FOREST PO	14	28.3	3,319,950	4,340,900	0.0	0
904 WDLIFE AND FISH ECO	39	59.8	6,744,396	7,425,906	0.1	522,838
905 TREES BEAUTIFICATIO	21	14.6	2,830,443	2,857,443	0.4	50,797
906 ORNAMENT & TURF DEV	63	33.0	4,425,393	4,425,393	3.0	137,553
907 RURAL INCOME IMP	15	12.1	863,640	909,680	0.0	58,200
908 RURAL INSTITUT IPP	27	11.0	906,235	984,035	0.0	123,675
990 UNCLASSIFIED	4	4.4	1,029,189	1,029,189	0.0	554,880
SUBTOTAL	323	309.2	35,606,517	38,093,487	7.8	2,040,652
SCIENCE IN SERV OF MAN						
GRAND TOTAL	5096	4376.1	537,823,993	549,127,293	166.5	35,059,987

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TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - AGRICULTURAL RESEARCH						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMNSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	261	132.2	14,953,915	14,953,915	10.2	853,128
0200 WATER	247	129.0	15,656,801	15,656,801	15.3	1,568,260
0300 WATERSHEDS RIVER BAS	73	57.7	7,266,537	7,266,537	3.1	194,766
0400 AIR AND CLIMATE	20	9.6	1,070,196	1,070,196	0.0	0
0600 TIMBER FOREST PRODUCT	30	19.3	2,974,409	2,974,409	3.3	230,793
0700 RANGE	79	45.5	5,705,546	5,705,546	1.2	131,225
0800 WILDLIFE AND FISH	16	5.8	740,398	740,398	0.1	70,126
0900 CITRUS SUB TROP FRUT	103	83.9	9,676,925	9,676,925	5.8	555,423
1000 FRUIT NUTS DECIDUCUS	168	111.3	13,415,985	13,415,985	1.7	746,597
1100 POTATOES	48	37.4	3,890,484	3,890,484	0.4	119,866
1200 VEGETABLES	262	126.2	14,418,078	14,418,078	12.0	1,511,816
1300 ORNAMENTALS TURF	69	34.9	4,977,546	4,977,546	2.8	127,770
1400 CORN	204	113.7	11,545,119	11,545,119	3.8	584,431
1500 GRAIN SORGHUM	80	22.8	2,302,918	2,302,918	0.2	20,836
1600 RICE	42	22.4	2,056,923	2,056,923	0.2	30,831
1700 WHEAT	185	105.9	10,369,269	10,369,269	3.8	417,622
1800 OTHER SMALL GRAINS	88	34.8	3,919,210	3,919,210	1.2	335,479
1900 PASTURE	33	9.7	1,105,930	1,105,930	0.9	141,640
2000 FORAGE CROPS	200	114.7	12,630,204	12,630,204	8.6	857,947
2100 COTTON	215	205.1	22,509,733	22,509,733	9.1	475,496
2200 COTTONSEED	40	23.4	2,094,235	2,094,235	2.0	5,646
2300 SOYBEANS	190	121.7	13,271,631	13,271,631	2.4	792,299
2400 PEANUTS	66	36.8	3,635,741	3,635,741	0.0	63,199
2500 OTHER OILSEED CROPS	37	19.1	1,624,391	1,624,391	0.2	20,377
2600 TOBACCO	46	42.3	4,606,850	4,606,850	6.6	709,788
2700 SUGAR CROPS	96	52.5	7,648,508	7,648,508	1.7	213,059
2800 MISC NEW CROPS	48	34.3	3,210,426	3,210,426	2.7	145,642
2900 POULTRY	92	81.6	11,327,641	11,327,641	1.4	324,587
3000 BEEF CATTLE	255	185.9	27,632,923	27,632,923	11.9	1,336,350
3100 DAIRY CATTLE	174	95.9	17,917,269	17,917,269	1.6	764,101
3200 SWINE	137	85.0	13,922,908	13,922,908	9.5	886,110
3300 SHEEP AND WOOL	92	53.4	8,377,842	8,377,842	2.4	369,731
3400 OTHER ANIMALS	41	13.5	2,283,497	2,283,497	2.1	359,130
3500 BEES AND HONEY	46	32.7	2,989,545	2,989,545	3.3	225,643
3600 FARM SUPP & FACILITS	4	2.0	228,068	228,068	0.0	0
3700 CLOTHING & TEXTILES	5	4.5	286,720	286,720	1.0	17,708
3800 FOOD	70	92.3	15,091,314	15,091,314	3.4	932,989
3900 HOUSING & EQUIP	32	15.7	1,890,720	1,890,720	2.0	262,162
4000 PEOPLE AS INDIVIDUAL	77	74.8	10,638,195	10,638,195	2.7	1,058,286
4100 FAMILY MEMBERS	27	8.7	3,705,293	3,705,293	1.1	279,292
4800 MARKETING SYSTEMS	1	0.3	74,286	74,286	0.0	0
6100 WEEDS	49	20.2	2,558,788	2,558,788	0.2	31,717
6200 SEED RESEARCH	17	14.2	1,551,863	1,551,863	0.5	53,465
6300 BIO CELL SYSTEMS	17	11.0	1,183,670	1,183,670	0.0	0
6500 INVERTEBRATES	77	118.2	11,388,265	11,388,265	10.3	541,305
6600 MICROORGANISMS, VIBUS	49	25.4	3,124,130	3,124,130	2.3	261,938
6700 PLANTS	217	202.3	20,658,215	20,658,215	6.4	755,340
6800 ANIMALS (VERTEBRATES)	40	33.8	4,176,660	4,176,660	2.6	346,336
6900 RESEARCH ON RSCH MGR	1	0.0	212,981	212,981	0.0	212,981
7000 RSCH EQUIP & TECHNOL	14	9.3	819,033	819,033	2.9	156,206
9900 UNCLASSIFIED	4	4.4	1,029,189	1,029,189	0.0	554,880
TOTAL	4484	2936.9	360,346,926	360,346,926	166.5	20,654,320

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TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA - AGRICULTURAL RESEARCH

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CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SALES AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL BES	1	0.4	116,926	116,926	0.0	0
102 SOIL PLNT WTR NUTRI	165	90.1	10,363,253	10,363,253	8.4	778,543
103 MGMT OF SALINE SCL	11	14.9	1,798,393	1,798,393	1.2	116,994
104 ALTERN USE OF LAND	3	0.8	97,064	97,064	0.0	0
105 CONSERV USE OF WATE	110	66.3	7,736,871	7,736,871	5.4	771,206
106 DRAIN AND IRRIGATIO	66	41.7	5,207,368	5,207,368	9.8	1,166,044
107 WATERSHED PROT & MG	110	88.9	10,728,123	10,728,123	4.4	367,524
108 ECOL LEG PROB OF WA	2	0.1	72,825	72,825	0.0	49,080
109 WEATHER ADAPT & MOD	18	9.7	1,252,486	1,252,486	1.6	79,394
110 APPRAIS FOREST & RAH	1	0.0	4,066	4,066	0.0	0
111 BIOL CULT BGNFT FCRS	1	0.8	81,206	81,206	0.0	0
112 IMPROV RANGE BCSR	57	28.1	3,562,207	3,562,207	1.2	118,942
113 REMOTE SENSING	10	10.6	1,354,976	1,354,976	2.9	156,206
114 RSCH ON MGMT OF RSC	1	0.0	212,981	212,981	0.0	212,981
SUBTOTAL	556	352.4	42,588,744	42,588,744	34.8	3,816,915
SERIES 200						
201 CNTRL FOREST INSECTS	11	8.1	982,220	982,220	2.9	179,996
204 CNTR PESTS FRT & VE	113	69.6	9,064,242	9,064,242	4.4	692,208
205 CNTR DISB FRT & VEG	154	70.5	8,544,476	8,544,476	9.7	1,058,186
206 CNTR WEEDS FRT & VE	42	10.9	1,402,507	1,402,507	1.7	235,728
207 CNTR PESTS FLD CROP	227	156.9	17,640,135	17,640,135	9.8	516,597
208 CNTR DIS FIELD CROP	238	130.5	14,030,327	14,030,327	4.5	539,690
209 CNTR WEEDS FLD CROP	131	58.1	7,135,144	7,135,144	2.8	601,993
210 COMTB PESTS ANIMALS	33	51.6	5,847,380	5,847,380	2.5	412,276
211 COMTB DIS ANIMALS	161	130.4	30,282,080	30,282,080	10.2	2,167,229
212 CNTR INTER PARASITE	27	35.0	4,854,860	4,854,860	1.8	92,878
213 PROT ANMLS FROM TOX	28	27.0	3,172,036	3,172,036	1.9	149,978
214 PROTECT FROM POLLUT	22	15.5	1,540,784	1,540,784	0.4	43,479
SUBTOTAL	1187	764.1	104,496,190	104,496,190	52.7	6,690,239
SERIES 300						
304 IMP BIO EFF FRT & V	106	53.5	7,088,288	7,088,288	1.6	410,320
305 MECH PROD FRT & VEG	24	11.9	1,274,493	1,274,493	0.6	111,805
306 PROD MGMT SYS F & V	3	0.7	62,104	62,104	0.2	12,197
307 IMP BIO EFF FLD CRP	313	173.8	19,664,782	19,664,782	8.8	885,515
308 MECH PROD FIELD CRO	58	36.2	4,449,598	4,449,598	1.6	128,843
309 PROD MGMT SYS FLD C	28	7.7	951,292	951,292	0.7	162,980
310 ANIMAL REPRODUCTION	45	42.3	6,221,488	6,221,488	5.2	258,073
311 IMP BIO EFF ANML PR	120	71.8	13,979,594	13,979,594	1.4	346,830
312 ENV STRESS IN ANML	23	9.9	1,329,309	1,329,309	1.0	119,237
313 PROD MGMT SYS ANML	12	2.9	820,169	820,169	0.0	52,765
314 BEES OTH POLLWTG I	46	32.7	2,989,545	2,989,545	3.3	225,643
315 IMP STRUC FARM SUPP	15	6.6	835,021	835,021	0.5	45,174
317 MECH/STRUCTS ANML P	12	5.9	1,211,718	1,211,718	0.1	86,312
318 NON-COM BIO TECH/BI	220	246.0	26,140,581	26,140,581	16.0	1,305,121
SUBTOTAL	1025	701.8	87,017,982	87,017,982	40.8	4,110,816
SERIES 400						
402 PROD F & V IMP ACCE	39	14.2	1,713,563	1,713,563	0.0	0
403 NEW & IMP F&V PRCD	48	56.5	4,996,643	4,996,643	1.0	62,112
404 MKT QUAL FRTS & VEG	79	56.5	5,802,402	5,802,402	0.8	96,786
405 PROD FLD CROP IMP A	127	77.9	7,874,222	7,874,222	3.5	309,646
406 NEW IMP FOOD FLD CR	56	97.3	8,860,716	8,860,716	2.0	35,254
407 NEW IMP NON-FOOD FC	65	93.7	8,559,236	8,559,236	0.6	36,217
408 MKT QUAL FIELD CBOP	64	42.8	4,073,227	4,073,227	0.0	73,297
409 PROD ANML PR IMP AC	6	4.1	663,266	663,266	0.0	0
410 IMP MEAT MILK EGG P	21	32.5	3,316,647	3,316,647	0.4	8,976
411 IMP NON-FOOD ANML P	11	33.3	3,021,448	3,021,448	3.4	80,782
412 MKT QUAL ANIMAL FBO	15	7.1	751,955	751,955	0.0	0
SUBTOTAL	531	515.8	49,633,324	49,633,324	11.7	703,070
SERIES 500						
501 IMP GRADES & STANDS	26	22.7	2,484,013	2,484,013	0.0	102,437
503 MKTG EFF AGRI PRCD	41	23.9	2,167,258	2,167,258	0.0	0
506 SPLY DEMAND AND FBI	1	0.1	11,175	11,175	0.0	0
509 PERFORMANCE MKTG SY	1	0.8	65,991	65,991	0.0	0
SUBTOTAL	69	47.4	4,728,437	4,728,437	0.0	102,437
SERIES 600						
603 TECH AID DEV CRTY	16	12.6	1,034,943	1,034,943	1.6	171,211
604 PRD DVLPMT/HKTG FRG	19	21.9	2,267,281	2,267,281	0.0	0
SUBTOTAL	35	34.5	3,302,224	3,302,224	1.6	171,211
SERIES 700						
701 TOX RES IN FOOD	33	40.9	4,401,179	4,401,179	0.6	194,746
702 FOOD PROT FROM TOX	87	94.2	9,335,463	9,335,463	2.2	381,674
703 FOOD CONSUM HABITS	16	22.0	5,991,049	5,991,049	1.9	896,651
704 HOME COMM FOOD SERV	2	1.6	113,100	113,100	0.0	0
705 SEL CARE CLOTH & TE	5	4.5	286,720	286,720	1.0	17,708
706 CONTE INSECTS AFR H	28	29.2	3,444,750	3,444,750	1.0	369,614
707 TRANS ANIMAL HAN DI	1	1.1	84,529	84,529	0.0	0
708 HUMAN NUTRITION	103	108.4	19,477,245	19,477,245	3.6	1,362,913
709 REDUCE HAZ HLTH & S	66	71.6	6,980,000	6,980,000	6.1	731,716
SUBTOTAL	341	373.5	50,114,035	50,114,035	16.4	3,955,022
SERIES 800						
801 RURAL HOUSING	3	4.0	401,108	401,108	0.0	0
802 INDIV & FAM DEC EAK	8	4.7	351,863	351,863	0.7	41,137
805 COMMUNICAT RURAL PE	1	0.1	7,499	7,499	0.1	7,499
SUBTOTAL	12	8.8	760,470	760,470	0.8	48,636

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- AGRICULTURAL RESEARCH

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CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	CON/GT/CA WITH SAES AMOUNT 1980
SERIES 900						
901 ALLEV POLLUTION	93	86.5	9,444,541	9,444,541	4.3	273,428
904 WILDLIFE AND FISH ECO	10	2.5	306,587	306,587	0.1	39,949
905 TREES BEAUTIFICATION	19	12.1	2,500,443	2,500,443	0.4	50,797
906 ORNAMENT & TURF DEV	62	33.0	4,424,759	4,424,759	3.0	136,919
990 UNCLASSIFIED	4	4.8	1,029,189	1,029,189	0.0	554,880
SUBTOTAL	188	138.6	17,705,519	17,705,519	7.8	1,055,974
SCIENCE IN SERV OF MAN						
GRAND TOTAL	3948	2936.9	360,346,926	360,346,926	166.5	20,654,320

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - COOPERATIVE RESEARCH CR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	CON/GT/CA WITH SAES 1980
0100 SOIL AND LAND	12	0.0	519,347	519,347	0.0	519,347
0200 WATER	8	0.0	145,398	145,398	0.0	145,398
0300 WATERSHEDS RIVER BAS	2	0.0	4,358	4,358	0.0	4,358
0400 AIR AND CLIMATE	1	0.0	60,000	60,000	0.0	60,000
0600 TIMBER FOREST PRODUCT	7	0.0	402,037	402,037	0.0	402,037
0800 WILDLIFE AND FISH	5	0.0	483,389	483,389	0.0	483,389
0900 CITRUS SUB TROP FRUIT	1	0.0	1,702	1,702	0.0	1,702
1000 FRUIT NUTS DECIDUCOUS	5	0.0	151,126	151,126	0.0	151,126
1100 POTATOES	2	0.0	17,400	17,400	0.0	17,400
1200 VEGETABLES	17	0.0	456,984	456,984	0.0	456,984
1300 ORNAMENTALS TURF	1	0.0	634	634	0.0	634
1400 CORN	7	0.0	405,329	405,329	0.0	405,329
1500 GRAIN SORGHUM	1	0.0	3,968	3,968	0.0	3,968
1600 RICE	1	0.0	2,850	2,850	0.0	2,850
1700 WHEAT	7	0.0	240,111	240,111	0.0	240,111
1800 OTHER SMALL GRAINS	5	0.0	115,462	115,462	0.0	115,462
1900 PASTURE	2	0.0	888	888	0.0	888
2000 FORAGE CROPS	2	0.0	5,950	5,950	0.0	5,950
2100 COTTON	3	0.0	17,708	17,708	0.0	17,708
2300 SOYBEANS	8	0.0	666,834	666,834	0.0	666,834
2400 PEANUTS	1	0.0	22,138	22,138	0.0	22,138
2500 OTHER OILSEED CROPS	3	0.0	107,394	107,394	0.0	107,394
2600 TOBACCO	1	0.0	24,000	24,000	0.0	24,000
2700 SUGAR CROPS	4	0.0	16,832	16,832	0.0	16,832
2800 MISC NEW CROPS	9	0.0	521,271	521,271	0.0	521,271
2900 POULTRY	15	0.0	924,192	924,192	0.0	924,192
3000 BEEF CATTLE	20	0.0	1,480,979	1,480,979	0.0	1,480,979
3100 DAIRY CATTLE	24	0.0	1,889,770	1,889,770	0.0	1,889,770
3200 SWINE	14	0.0	996,721	996,721	0.0	996,721
3300 SHEEP AND WOOL	6	0.0	544,432	544,432	0.0	544,432
3400 OTHER ANIMALS	6	0.0	492,172	492,172	0.0	492,172
3600 FARM SUPP & FACILITS	4	0.0	129,396	129,396	0.0	129,396
3800 FOOD	4	0.0	287,887	287,887	0.0	287,887
3900 HOUSING & EQUIP	6	0.0	355,578	355,578	0.0	355,578
4000 PEOPLE AS INDIVIDUAL	4	0.0	60,923	60,923	0.0	60,923
4100 FAMILY MEMBERS	1	0.0	14,550	14,550	0.0	14,550
4300 SOC POLIT ORGANIZ	3	0.0	163,688	163,688	0.0	163,688
4400 AGRIC ECONOMY U S	1	0.0	58,200	58,200	0.0	58,200
4800 MARKETING SYSTEMS	1	0.0	14,550	14,550	0.0	14,550
6100 WEEDS	2	0.0	4,529	4,529	0.0	4,529
6300 BIO CELL SYSTEMS	1	0.0	45,282	45,282	0.0	45,282
6500 INVERTEBRATES	1	0.0	1,842	1,842	0.0	1,842
6600 MICROORGANISMS, VIRUS	2	0.0	100,715	100,715	0.0	100,715
6700 PLANTS	54	0.0	1,934,366	1,934,366	0.0	1,934,366
6800 ANIMALS (VERTEBRATES)	28	0.0	393,805	393,805	0.0	393,805
7000 RSCH EQUIP & TECHNOL	1	0.0	45,282	45,282	0.0	45,282
TOTAL	313	0.0	14,332,567	14,332,567	0.0	14,332,567

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA - COOPERATIVE RESEARCH CR

CLASSIFICATION CATEGORY	NO. OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADESTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	CON/GT/CA WITH SAES AMOUNT 1980
SERIES 100						
102 SOIL PLNT WTR NUTRI	3	0.0	62,879	62,879	0.0	62,879
103 MGMT OF SALINE SOIL	1	0.0	51,900	51,900	0.0	51,900
104 ALTERM USE OF LAND	2	0.0	84,236	84,236	0.0	84,236
105 CONSERV USE OF WATE	3	0.0	87,600	87,600	0.0	87,600
106 DRAIN AND IRRIGATIO	1	0.0	28,720	28,720	0.0	28,720
107 WATERSHED PROT & MG	2	0.0	160,050	160,050	0.0	160,050
111 BIOL CULT MGMT FORS	1	0.0	59,929	59,929	0.0	59,929
SUBTOTAL	13	0.0	535,314	535,314	0.0	535,314
SERIES 200						
201 CNTRL FORST INSECTS	1	0.0	1,514	1,514	0.0	1,514
202 CONTROL FOREST DIS	1	0.0	1,514	1,514	0.0	1,514
204 CNTR PESTS FRT & VE	8	0.0	148,798	148,798	0.0	148,798
205 CNTR DISSE FRT & VEG	7	0.0	67,359	67,359	0.0	67,359
206 CNTR WEEDS FRT & VE	3	0.0	9,634	9,634	0.0	9,634
207 CNTR PESTS FLD CBOP	5	0.0	21,158	21,158	0.0	21,158
208 CNTR DIS FIELD CBOP	13	0.0	481,828	481,828	0.0	481,828
209 CNTR WEEDS FLD CBOP	8	0.0	82,998	82,998	0.0	82,998
210 CONTR PESTS ANIMALS	5	0.0	317,380	317,380	0.0	317,380
211 CONTR DIS ANIMALS	47	0.0	4,181,690	4,181,690	0.0	4,181,690
212 CNTR INTER PARASITE	4	0.0	470,814	470,814	0.0	470,814
213 PROT ANMLS FROM TOX	6	0.0	531,401	531,401	0.0	531,401
214 PROTECT FROM POLLUT	7	0.0	469,309	469,309	0.0	469,309
SUBTOTAL	115	0.0	6,785,397	6,785,397	0.0	6,785,397
SERIES 300						
301 GENET BREED FORST T	1	0.0	19,976	19,976	0.0	19,976
302 IMP FOREST ENG SYS	1	0.0	17,372	17,372	0.0	17,372
303 ECON TIMBER PRODUCT	1	0.0	34,785	34,785	0.0	34,785
304 IMP BIO EFF FRT & V	5	0.0	114,377	114,377	0.0	114,377
305 MECH PROD FRT & VEG	1	0.0	2,425	2,425	0.0	2,425
306 PROD MGMNT SYS F & V	1	0.0	19,950	19,950	0.0	19,950
307 IMP BIO EFF FLD CRP	11	0.0	570,735	570,735	0.0	570,735
308 MECH PROD FIELD CRO	2	0.0	79,620	79,620	0.0	79,620
309 PROD MGMNT SYS FLD C	5	0.0	286,960	286,960	0.0	286,960
310 ANIMAL REPRODUCTION	3	0.0	333,000	333,000	0.0	333,000
311 IMP BIO EFF ANML PR	8	0.0	307,886	307,886	0.0	307,886
312 ENV STRESS IN ANML	2	0.0	31,384	31,384	0.0	31,384
313 PROD MGMNT SYS ANML	2	0.0	41,600	41,600	0.0	41,600
315 IMP STUC FARM SUPP	8	0.0	509,718	509,718	0.0	509,718
317 MECH/STRUCTS ANML P	1	0.0	17,017	17,017	0.0	17,017
318 NON-COR BIO TECH/BI	5	0.0	305,283	305,283	0.0	305,283
SUBTOTAL	57	0.0	2,692,008	2,692,008	0.0	2,692,008
SERIES 400						
401 NEW IMP FOREST PROD	3	0.0	266,488	266,488	0.0	266,488
402 PROD F & V IMP ACCE	2	0.0	42,425	42,425	0.0	42,425
403 NEW & IMP F&V PCRD	2	0.0	119,262	119,262	0.0	119,262
407 NEW IMP NON-FOOD FC	11	0.0	615,022	615,022	0.0	615,022
408 MKT QLAL FIELD CBOP	1	0.0	39,973	39,973	0.0	39,973
411 IMP NON-FOOD ANML P	3	0.0	228,364	228,364	0.0	228,364
SUBTOTAL	22	0.0	1,311,534	1,311,534	0.0	1,311,534
SERIES 500						
507 COMP REL IN AGRIC	2	0.0	37,715	37,715	0.0	37,715
508 DOMESTIC MKT DEVELOP	1	0.0	17,100	17,100	0.0	17,100
509 PERFORMANCE MKTG SY	1	0.0	43,650	43,650	0.0	43,650
510 GROUP ACT MKT POWER	1	0.0	14,550	14,550	0.0	14,550
SUBTOTAL	5	0.0	113,015	113,015	0.0	113,015
SERIES 700						
701 TOX RES IN FOOD	44	0.0	1,750,305	1,750,305	0.0	1,750,305
702 FOOD PROT FROM TOX	1	0.0	51,089	51,089	0.0	51,089
707 TRANS ANIMAL MAN DI	1	0.0	14,653	14,653	0.0	14,653
SUBTOTAL	46	0.0	1,816,047	1,816,047	0.0	1,816,047
SERIES 800						
802 INDIV & FAM DEC MAK	1	0.0	14,550	14,550	0.0	14,550
803 RURAL POVERTY	1	0.0	10,913	10,913	0.0	10,913
806 ADJUSTMENT TO CHANG	1	0.0	10,913	10,913	0.0	10,913
807 AGRIC ECONOMIC CHAN	1	0.0	58,200	58,200	0.0	58,200
SUBTOTAL	4	0.0	94,575	94,575	0.0	94,575
SERIES 900						
901 ALLEV POLLUTION	12	0.0	319,280	319,280	0.0	319,280
904 WLDLIFE AND FISH ECO	4	0.0	482,889	482,889	0.0	482,889
906 ORNAMENT & TURF DEV	1	0.0	634	634	0.0	634
907 RURAL INCOME IMP	2	0.0	58,200	58,200	0.0	58,200
908 RURAL INSTITUT IMP	3	0.0	123,675	123,675	0.0	123,675
SUBTOTAL	22	0.0	984,678	984,678	0.0	984,678
SCIENCE IN SERV OF MAN						
GRAND TOTAL	284	0.0	14,332,567	14,332,567	0.0	14,332,567

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	COM/GT/CA WITH SAES AMOUNT 1980
0600 TIMBER FOREST PRODUCT	3	0.0	103,000	103,000	0.0	0
0900 CITRUS SUB TROP FRUIT	1	0.0	50,000	50,000	0.0	0
1000 FRUIT NUTS DECIDUOUS	3	0.0	125,000	125,000	0.0	0
1100 POTATOES	4	0.0	230,000	230,000	0.0	0
1200 VEGETABLES	4	0.0	310,000	310,000	0.0	0
1400 CORN	2	0.0	140,000	140,000	0.0	0
1600 RICE	1	0.0	100,000	100,000	0.0	0
1700 WHEAT	1	0.0	74,625	74,625	0.0	0
1800 OTHER SMALL GRAINS	1	0.0	24,875	24,875	0.0	0
2000 FORAGE CROPS	3	0.0	279,000	279,000	0.0	0
2300 SOYBEANS	6	0.0	437,500	437,500	0.0	0
2400 PEANUTS	1	0.0	75,000	75,000	0.0	0
2500 OTHER OILSEED CROPS	1	0.0	20,000	20,000	0.0	0
2600 TOBACCO	1	0.0	35,000	35,000	0.0	0
3800 FOOD	28	0.0	2,813,000	2,813,000	0.0	0
6100 WEEDS	2	0.0	140,000	140,000	0.0	0
6200 SEED RESEARCH	1	0.0	55,000	55,000	0.0	0
6300 BIO CELL SYSTEMS	41	0.0	2,641,025	2,641,025	0.0	0
6500 INVERTEBRATES	7	0.0	272,400	272,400	0.0	0
6600 MICROORGANISMS, VIRUS	48	0.0	3,004,325	3,004,325	0.0	0
6700 PLANTS	54	0.0	3,403,250	3,403,250	0.0	0
TOTAL	213	0.0	14,333,000	14,333,000	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	COM/GT/CA WITH SAES AMOUNT 1980
SERIES 200						
204 CNTR PESTS FRT & VE	4	0.0	190,000	190,000	0.0	0
205 CNTR DISE FRT & VEG	7	0.0	380,000	380,000	0.0	0
206 CNTR WEEDS FRT & VE	1	0.0	65,000	65,000	0.0	0
207 CNTR PESTS PLD CROP	3	0.0	92,500	92,500	0.0	0
208 CNTR DIS FIELD CROP	13	0.0	813,500	813,500	0.0	0
209 CNTR WEEDS PLD CROP	1	0.0	50,000	50,000	0.0	0
SUBTOTAL	29	0.0	1,591,000	1,591,000	0.0	0
SERIES 300						
304 IMP BIO EFP FRT & V	4	0.0	315,000	315,000	0.0	0
307 IMP BIO EFP PLD CRP	8	0.0	764,000	764,000	0.0	0
318 NON-COM BIO TECH/BI	127	0.0	8,850,000	8,850,000	0.0	0
SUBTOTAL	139	0.0	9,929,000	9,929,000	0.0	0
SERIES 700						
703 FOOD CONSUM HABITS	1	0.0	190,000	190,000	0.0	0
708 HUMAN NUTRITION	27	0.0	2,623,000	2,623,000	0.0	0
SUBTOTAL	28	0.0	2,813,000	2,813,000	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	196	0.0	14,333,000	14,333,000	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ECONOMICS STATISTICS COOPERATIVES SERVICES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHESRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	COM/GT/CA WITH SAMS AMOUNT 1980
0100 SOIL AND LAND	19	22.6	1,887,600	1,879,400	0.0	0
0200 WATER	23	31.0	2,420,200	2,452,000	0.0	0
0300 WATERSHEDS RIVER BAS	2	5.0	393,800	393,800	0.0	0
0400 AIR AND CLIMATE	3	0.5	21,500	37,400	0.0	0
0500 RECREATION RESOURCES	3	0.5	21,500	37,400	0.0	0
0700 RANGE	4	1.7	102,000	133,800	0.0	0
0800 WILDLIFE AND FISH	1	0.1	11,650	11,650	0.0	0
0900 CITRUS SUB TROP FRUIT	5	0.6	42,200	42,200	0.0	0
1000 FRUIT NUTS DECIDUCUS	9	2.7	175,300	175,300	0.0	0
1100 POTATOES	2	0.8	67,000	67,000	0.0	0
1200 VEGETABLES	9	3.2	215,000	215,000	0.0	0
1400 CORN	6	3.2	232,080	232,080	0.0	0
1500 GRAIN SORGHUM	4	2.0	138,640	138,640	0.0	0
1600 RICE	4	2.0	138,640	138,640	0.0	0
1700 WHEAT	5	2.6	183,730	183,730	0.0	0
1800 OTHER SMALL GRAINS	5	2.2	157,440	157,440	0.0	0
2100 COTTON	5	2.1	148,700	148,700	0.0	0
2300 SOYBEANS	6	2.9	203,370	203,370	0.0	0
2400 PEANUTS	4	1.8	125,800	125,800	0.0	0
2500 OTHER OILSEED CROPS	4	1.5	107,000	107,000	0.0	0
2600 TOBACCO	3	1.4	97,600	97,600	0.0	0
2700 SUGAR CROPS	9	4.1	268,100	268,100	0.0	0
2800 MISC NEW CROPS	3	2.8	170,400	170,400	0.0	0
2900 POULTRY	8	0.9	81,600	81,600	0.0	0
3000 BEEF CATTLE	6	5.4	411,350	411,350	0.0	0
3100 DAIRY CATTLE	3	2.5	184,650	184,650	0.0	0
3200 SWINE	6	3.1	251,100	251,100	0.0	0
3300 SHEEP AND WOOL	2	0.2	16,650	16,650	0.0	0
3600 FARM SUPP & FACILITS	7	5.1	395,000	395,000	0.0	0
3800 FOOD	3	8.4	636,000	636,000	0.0	0
4000 PEOPLE AS INDIVIDUAL	16	20.1	1,615,250	1,615,250	0.0	0
4100 FAMILY MEMBERS	7	15.0	1,224,750	1,224,750	0.0	0
4200 FARM AS BUSINESS	3	5.7	491,000	491,000	0.0	0
4300 SOC POLIT ORGANIZ	33	23.1	1,588,000	1,711,800	0.0	0
4400 AGRIC ECONOMY U S	33	99.0	8,724,000	8,741,000	0.0	0
4500 AGRIC ECONOMY FORGN	96	113.6	8,196,000	8,196,000	0.0	0
4600 FARM COOPERATIVES	26	9.0	655,900	655,900	0.0	73,100
4800 MARKETING SYSTEMS	4	5.2	1,764,000	1,764,000	0.0	0
6400 EXP DESIGN/STAT METH	3	14.5	1,188,500	1,188,500	0.0	0
6700 PLANTS	9	13.2	1,729,450	1,729,450	0.0	0
6800 ANIMALS (VERTEBRATES)	9	3.9	486,550	486,550	0.0	0
7000 RSCH EQUIP & TECHNOL	2	30.0	5,428,500	5,428,500	0.0	0
TOTAL	410	475.1	42,357,500	42,625,500	0.0	73,100

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- ECONOMICS STATISTICS COOPERATIVES SERVICES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SALES AMOUNT 1980
SERIES 100						
104 ALTERN USE OF LAND	14	18.4	1,630,400	1,662,200	0.0	0
105 CONSERV USE OF WATER	11	13.0	1,116,600	1,148,800	0.0	0
107 WATERSHED PROT & MG	2	1.0	97,000	97,000	0.0	0
108 ECON LEG PROB OF WA	2	7.1	582,600	582,600	0.0	0
110 APPRAIS FORST & RAN	4	1.7	102,000	133,800	0.0	0
113 REMOTE SENSING	1	25.0	4,783,000	4,783,000	0.0	0
SUBTOTAL	34	66.3	8,311,600	8,407,000	0.0	0
SERIES 200						
204 CNTR PESTS FRT & VE	9	5.5	744,630	744,630	0.0	0
205 CNTR DISE FRT & VEG	9	3.9	518,800	518,800	0.0	0
206 CNTR WEEDS FRT & VE	9	3.8	466,020	466,020	0.0	0
210 CNTR PESTS ANIMALS	9	2.6	335,660	335,660	0.0	0
211 CNTR DIS ANIMALS	9	1.3	150,890	150,890	0.0	0
SUBTOTAL	45	17.1	2,216,000	2,216,000	0.0	0
SERIES 300						
313 PROD MGMT SYS ANML	1	1.0	50,000	50,000	0.0	0
SUBTOTAL	1	1.0	50,000	50,000	0.0	0
SERIES 500						
503 MKTG EFF AGRI PRCD'S	4	2.6	228,000	228,000	0.0	0
506 SPLY DEMAND AND PRI	29	60.8	3,870,000	3,870,000	0.0	0
507 COMP REL IN AGRIC	1	0.3	21,000	21,000	0.0	0
509 PERFORMANCE MKTG SY	6	12.3	2,202,000	2,202,000	0.0	0
510 GROUP ACT MKT POWER	25	5.0	455,900	455,900	0.0	73,100
511 IMP AGRIC STATISTIC	3	19.5	1,834,000	1,834,000	0.0	0
SUBTOTAL	68	100.5	8,610,900	8,610,900	0.0	73,100
SERIES 600						
601 FGW MKT DEVELOP	95	110.9	7,986,000	7,986,000	0.0	0
602 EVAL FGW FOOD AID P	1	2.7	210,000	210,000	0.0	0
603 TECH AID DEV CBTY	4	5.8	246,000	246,000	0.0	0
SUBTOTAL	100	119.4	8,442,000	8,442,000	0.0	0
SERIES 700						
703 FOOD CONSUMP HABITS	2	7.2	456,000	456,000	0.0	0
704 HOME CORN FOOD SERV	1	0.4	150,000	150,000	0.0	0
SUBTOTAL	3	7.6	606,000	606,000	0.0	0
SERIES 800						
801 RURAL HOUSING	6	4.3	272,000	272,000	0.0	0
804 ECON POTENT RUBL PE	7	17.2	1,304,440	1,304,440	0.0	0
805 COMMUNICAT RURAL PE	1	1.0	50,000	50,000	0.0	0
806 ADJUSTMENT TO CHANG	7	12.3	1,193,560	1,193,560	0.0	0
807 AGRIC ECONOMIC CHAN	15	54.7	5,792,000	5,809,000	0.0	0
808 GOV'T PROGRAMS	19	36.4	2,889,000	2,889,000	0.0	0
SUBTOTAL	55	125.9	11,501,000	11,518,000	0.0	0
SERIES 900						
901 ALLEV POLLUTION	8	13.7	1,010,500	1,026,400	0.0	0
902 OUTDOOR RECREATION	3	0.5	21,500	37,400	0.0	0
907 RURAL INCOME IMP	13	12.1	805,440	851,440	0.0	0
908 RURAL INSTITUT IMP	24	11.0	782,560	860,360	0.0	0
SUBTOTAL	48	37.3	2,620,000	2,775,600	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	354	475.1	42,357,500	42,625,500	0.0	73,100

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	5	10.5	1,526,150	1,815,625	0.0	0
0200 WATER	4	10.1	955,200	1,258,735	0.0	0
0300 WATERSHEDS RIVER BAS	29	80.0	8,404,500	9,838,000	0.0	0
0400 AIR AND CLIMATE	5	7.0	668,150	733,790	0.0	0
0500 RECREATION RESOURCES	19	35.6	4,210,150	5,236,170	0.0	0
0600 TIMBER FOREST PRODUCT	188	710.9	78,239,750	88,820,286	0.0	0
0700 RANGE	23	35.9	4,303,230	4,743,354	0.0	0
0800 WILDLIFE AND FISH	29	61.9	6,605,070	7,356,710	0.0	0
3900 HOUSING & EQUIP	4	12.3	1,541,800	1,686,630	0.0	0
TOTAL	306	964.1	106,454,000	117,489,300	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 100						
102 SOIL PLNT WTR MGT	1	1.2	124,800	176,640	0.0	0
105 CONSERV USE OF WATE	1	1.5	153,000	186,950	0.0	0
107 WATERSHED PROT & MG	30	85.4	8,894,750	10,560,625	0.0	0
108 ECON LEG PROB OF WA	1	2.8	380,400	391,440	0.0	0
110 APPRAISL FOREST & BAN	12	64.9	11,348,800	12,196,290	0.0	0
111 BIOL CULT HMGHT FCBS	59	198.6	18,136,200	20,641,729	0.0	0
112 IMPROV RANGE RESCR	7	14.4	1,582,200	1,787,050	0.0	0
SUBTOTAL	111	368.7	40,620,150	45,942,724	0.0	0
SERIES 200						
201 CNTRL FOREST INSECTS	32	96.4	10,551,130	10,959,601	0.0	0
202 CONTROL FOREST DIS	25	55.6	8,192,100	8,722,025	0.0	0
203 FOREST FIRE PROTECT	19	69.3	7,006,450	7,769,330	0.0	0
207 CNTR PESTS FLD CEOP	1	0.5	65,500	65,500	0.0	0
214 PROTECT FRM POLLUT	3	7.6	1,157,000	1,264,950	0.0	0
SUBTOTAL	80	229.3	26,972,180	28,781,406	0.0	0
SERIES 300						
301 GENET BREED FOREST T	13	38.4	3,773,700	4,256,240	0.0	0
302 IMP FOREST ENG SYS	5	17.8	1,980,500	2,011,400	0.0	0
303 ECON TIMBER PRODUCT	5	11.2	767,350	778,260	0.0	0
SUBTOTAL	23	67.3	6,521,550	7,045,900	0.0	0
SERIES 400						
401 NEW IMP FOREST PROD	24	113.1	13,430,500	14,308,370	0.0	0
SUBTOTAL	24	113.1	13,430,500	14,308,370	0.0	0
SERIES 500						
502 HGTG TIMBER PRODUCT	7	28.1	2,529,800	2,606,560	0.0	0
512 IMP GRADES FOREST PRO	2	9.0	754,000	788,300	0.0	0
513 PRICE ANAL FOREST PRO	3	6.2	583,000	603,540	0.0	0
SUBTOTAL	12	43.3	3,866,800	3,996,400	0.0	0
SERIES 600						
601 FG MKT DEVELOP	1	3.0	177,000	177,000	0.0	0
SUBTOTAL	1	3.0	177,000	177,000	0.0	0
SERIES 800						
801 RURAL HOUSING	2	6.0	569,500	607,850	0.0	0
SUBTOTAL	2	6.0	569,500	607,850	0.0	0
SERIES 900						
901 ALLEV POLLUTION	11	18.7	2,117,200	2,455,790	0.0	0
902 OUTDOOR RECREATION	13	26.6	2,574,250	2,837,530	0.0	0
903 MULTI-USE-FOREST PO	14	28.3	3,319,950	4,340,900	0.0	0
904 WILDLIFE AND FISH ECO	25	57.2	5,954,920	6,636,430	0.0	0
905 TREES BEAUTIFICATIO	2	2.5	330,000	357,000	0.0	0
SUBTOTAL	65	133.3	14,296,320	16,627,650	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	318	964.1	106,454,000	117,489,300	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NAT TOT SARS-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	1182	359.3	6,283,450	41,378,381	*	2,354,050
0200 WATER	718	185.8	2,950,051	21,303,309	*	1,321,750
0300 WATERSHEDS RIVER BAS	147	37.4	651,765	4,438,004	*	376,431
0400 AIR AND CLIMATE	143	37.7	676,198	4,706,077	*	197,477
0500 RECREATION RESOURCES	170	50.1	832,553	4,353,716	*	527,965
0600 TIMBER FOREST PRODUCT	1438	529.7	9,609,434	54,373,564	*	5,603,612
0700 RANGE	285	80.6	1,035,749	6,597,560	*	1,003,356
0800 WILDLIFE AND FISH	703	192.0	2,738,648	25,367,704	*	1,156,051
0900 CITRUS SUB TROP FRUIT	289	125.7	1,137,579	13,645,964	*	360,325
1000 FRUIT NUTS DECIDUCUS	1019	354.2	6,032,885	38,929,469	*	787,634
1100 POTATOES	297	79.4	1,541,512	9,188,996	*	382,279
1200 VEGETABLES	1357	433.4	8,862,321	46,741,119	*	1,460,651
1300 ORNAMENTALS TUBER	610	224.6	3,302,350	21,747,710	*	210,670
1400 CORN	902	200.7	4,393,275	24,697,651	*	1,268,424
1500 GRAIN SORGHUM	318	65.0	794,485	6,850,618	*	160,872
1600 RICE	127	41.5	458,768	4,554,396	*	80,687
1700 WHEAT	657	151.8	2,475,355	17,536,780	*	1,112,541
1800 OTHER SMALL GRAINS	420	81.3	1,660,736	9,612,498	*	480,245
1900 PASTURE	164	33.3	737,077	4,090,553	*	61,985
2000 FORAGE CROPS	921	260.5	5,799,036	30,384,319	*	1,307,062
2100 COTTON	373	132.2	2,298,096	15,337,808	*	761,022
2200 COTTONSEED	20	3.6	58,499	360,271	*	387
2300 SOYBEANS	889	242.0	5,811,330	28,398,313	*	1,949,563
2400 PEANUTS	157	41.8	574,396	4,896,583	*	145,815
2500 OTHER OILSEED CROPS	122	28.4	306,240	3,345,748	*	191,357
2600 TOBACCO	165	63.2	885,919	7,382,957	*	197,087
2700 SUGAR CROPS	164	49.4	946,430	5,430,724	*	49,158
2800 MISC NEW CROPS	140	28.6	558,786	3,580,618	*	100,107
2900 POULTRY	770	261.8	7,724,274	31,691,546	*	907,023
3000 BEEF CATTLE	1395	441.8	13,222,869	75,363,654	*	2,997,545
3100 DAIRY CATTLE	1165	319.5	10,249,652	51,670,323	*	2,079,826
3200 SWINE	634	177.7	6,136,945	29,445,010	*	1,006,686
3300 SHEEP AND WOOL	360	77.9	2,159,604	11,076,695	*	293,942
3400 OTHER ANIMALS	421	102.7	2,875,997	12,346,668	*	489,078
3500 BEES AND HONEY	47	19.3	231,959	1,612,468	*	94,294
3600 FARM SUPP & FACILIT	103	26.4	448,931	3,447,712	*	257,902
3700 CLOTHING & TEXTILES	71	19.4	448,937	1,493,691	*	72,225
3800 FOOD	516	163.8	4,245,739	19,460,045	*	1,643,553
3900 HOUSING & EQUIP	223	62.5	762,297	6,088,889	*	595,483
4000 PEOPLE AS INDIVIDUAL	728	198.8	4,430,526	19,871,261	*	1,663,822
4100 FAMILY MEMBERS	269	78.2	2,115,461	6,735,978	*	481,845
4200 FARM AS BUSINESS	214	68.3	1,683,324	5,355,258	*	350,897
4300 SOC POLITY ORGANIZ	426	118.4	3,708,290	10,832,615	*	702,390
4400 AGRIC ECONOMY U S	112	30.8	637,454	3,060,405	*	341,283
4500 AGRIC ECONOMY FORGN	31	9.4	85,201	796,513	*	216,489
4600 FARM COOPERATIVES	38	6.8	161,093	570,143	*	90,523
4700 OTH MARKET PROCESS	41	7.4	169,364	671,095	*	71,625
4800 MARKETING SYSTEMS	99	30.0	676,561	2,572,769	*	380,386
6100 WEEDS	57	13.1	194,062	1,413,189	*	157,057
6200 SEED RESEARCH	36	10.0	105,121	1,354,988	*	9,611
6300 BIO CELL SYSTEMS	228	85.2	904,550	11,013,270	*	304,300
6400 EXP DESIGN/STAT METH	76	26.3	172,865	3,076,207	*	721,441
6500 INVERTEBRATES	272	104.2	1,103,395	10,941,600	*	220,686
6600 MICROORGANISMS, VIRUS	262	93.1	1,057,081	11,659,797	*	370,463
6700 PLANTS	773	233.4	3,356,732	30,731,454	*	2,824,002
6800 ANIMALS (VERTEBRATES)	430	144.8	1,626,409	18,533,405	*	521,220
6900 RESEARCH ON RSCH EGM	34	12.6	113,868	1,594,968	*	90,540
7000 RSCH EQUIP & TECHNOL	108	30.3	203,041	2,799,728	*	156,803
9900 UNCLASSIFIED	66	15.1	1,706,341	4,626,349	*	399,893
TOTAL	23902	7102.0	146,074,860	853,144,666	*	48,200,716

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NAT TOT SAE'S-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADESTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	CIV/GT/CA WITH SAE'S AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	227	77.6	1,017,386	8,557,936	*	317,857
102 SOIL PLNT WTR NUTRI	615	179.8	3,262,970	20,933,123	*	925,900
103 HMGHT OF SALINE SCIL	61	16.3	149,314	1,681,873	*	79,885
104 ALTERM USE OF LAND	187	54.8	910,689	5,308,312	*	569,504
105 CONSERV USE OF WATE	280	69.9	931,112	7,720,090	*	668,165
106 DRAIN AND IRRIGATIO	127	36.7	456,318	4,183,676	*	356,801
107 WATERSHED PROT & MG	179	58.6	802,951	6,446,732	*	627,659
108 ECON LEG PROB OF WA	40	15.7	172,022	1,474,851	*	59,471
109 WEATHER ADAPT & MOD	143	38.5	709,525	4,327,069	*	152,643
110 APPRAIS FOREST & RAN	151	32.7	578,413	3,445,728	*	464,569
111 BIOL CULT HMGHT FGCS	463	181.3	2,778,269	18,416,554	*	1,314,950
112 IMPROV RANGE RESCR	181	52.2	649,093	5,698,985	*	370,138
113 REMOTE SENSING	54	14.1	226,616	1,895,122	*	274,272
114 RSCH ON HMGHT OF RSC	32	12.8	113,864	1,405,143	*	80,829
SUBTOTAL	2740	796.7	12,758,504	87,495,192	*	6,262,644
SERIES 200						
201 CNTRL FOREST INSECTS	213	56.5	954,958	6,571,974	*	1,408,111
202 CONTROL FOREST DIS	156	42.5	903,589	3,665,072	*	244,624
203 FOREST FIRE PROTECT	11	2.1	8,814	252,383	*	134,109
204 CNTLR PESTS FRT & VE	624	134.1	1,914,263	18,695,667	*	781,082
205 CNTLR DISE FRT & VEG	699	212.2	3,407,498	23,228,473	*	828,153
206 CNTLR WEEDS FRT & VE	179	45.2	740,642	5,087,032	*	212,633
207 CNTLR PESTS FLD CROP	552	174.8	3,622,879	19,959,495	*	1,333,017
208 CNTLR DIS FIELD CROP	712	226.1	4,501,681	23,610,244	*	1,225,055
209 CNTLR WEEDS FLD CROP	332	96.3	1,861,199	12,207,365	*	414,555
210 CNTLR PESTS ANIMALS	138	35.8	798,679	3,622,750	*	312,835
211 CNTLR DIS ANIMALS	816	302.6	8,288,012	38,528,917	*	3,196,204
212 CNTLR INTER PARASITE	118	36.7	938,211	4,415,528	*	302,229
213 PROT ANMALS FROM TOX	126	30.4	659,961	3,610,153	*	185,589
214 PROTECT FROM POLIUT	249	48.6	818,206	7,354,264	*	738,198
SUBTOTAL	4725	1443.5	29,414,590	166,813,276	*	11,316,394
SERIES 300						
301 GENET BREED FOREST T	130	43.3	1,256,364	5,249,137	*	386,944
302 IMP FOREST ENG SYS	37	17.1	309,463	1,600,810	*	168,291
303 ECON TIMBER PRODUCT	53	20.5	255,105	2,172,441	*	312,093
304 IMP BIO EFF FRT & V	1028	339.4	6,107,947	39,514,512	*	687,063
305 MECH PROD FRT & VEG	141	34.7	755,951	3,965,302	*	116,763
306 PROD HMGHT SYS F & V	97	22.2	277,080	2,210,351	*	63,838
307 IMP BIO EFF FLD CRP	1597	642.4	11,293,533	80,958,132	*	3,389,387
308 MECH PROD FIELD CRO	110	33.2	590,211	3,966,929	*	92,782
309 PROD HMGHT SYS FLD C	270	68.0	1,363,866	8,496,452	*	256,887
310 ANIMAL REPRODUCTION	501	179.4	5,860,253	28,727,029	*	406,201
311 IMP BIO EFF ANML PR	1287	473.5	14,803,248	92,238,753	*	2,049,950
312 ENV STRESS IN ANML	194	50.8	1,326,939	7,930,895	*	222,279
313 PROD HMGHT SYS ANML	296	71.4	2,029,233	11,122,912	*	230,217
314 BEES OTH POLLNTNG I	47	19.3	231,959	1,612,468	*	94,294
315 IMP STRUC FARM SUPP	132	39.0	612,068	4,853,138	*	531,921
316 FARM BUSINESS HMGHT	153	53.0	1,304,349	4,145,176	*	306,608
317 MECH/STRUCTS ANML P	80	19.8	353,283	1,992,896	*	108,334
318 NON-COM BIO TECH/BI	1069	448.4	4,673,323	51,671,536	*	1,317,374
SUBTOTAL	7222	2575.5	53,424,174	352,436,867	*	10,741,228
SERIES 400						
401 NEW IMP FOREST PROD	181	102.1	1,349,323	10,230,971	*	540,652
402 PROD F & V IMP ACCE	269	60.4	910,846	6,788,622	*	133,026
403 NEW & IMP F&V PROD	189	60.7	1,033,964	5,683,072	*	96,619
404 MKT QUAL FRTS & VEG	179	51.4	1,287,746	6,028,005	*	73,781
405 PROD FLD CROP IMP A	266	70.5	1,472,669	8,346,308	*	431,564
406 NEW IMP FOOD FLD CR	141	37.1	935,275	4,590,281	*	333,553
407 NEW IMP MOW-FOOD FC	68	18.3	301,778	1,815,787	*	37,419
408 MKT QUAL FIELD CROP	102	20.2	432,134	2,256,807	*	221,092
409 PROD ANAL PR IMP AC	164	48.6	2,160,974	6,742,765	*	282,084
410 IMP MEAT MILK EGG P	265	82.3	2,038,359	9,966,337	*	102,237
411 IMP NON-FOOD ANML P	28	5.1	135,040	590,018	*	138,609
412 MKT QUAL ANIMAL PRO	119	27.7	780,726	2,946,989	*	71,975
SUBTOTAL	1967	584.3	12,838,434	65,985,963	*	2,462,611
SERIES 500						
501 IMP GRADES & STANDS	63	18.5	372,574	1,953,321	*	33,448
502 MKTG TIMBER PRODUCT	31	7.7	136,501	588,560	*	64,850
503 MKTG EFF AGRI PRCD	210	53.0	1,489,701	4,824,495	*	477,313
506 SPLY DEMAND AND PRI	162	48.8	1,472,699	4,247,457	*	291,493
507 COMP REL IN AGRIC	65	13.6	358,314	1,007,787	*	111,628
508 DOMESTIC MKT DEVELOP	45	13.6	176,506	909,559	*	16,538
509 PERFORMANCE MKTG SY	147	46.8	1,107,539	3,834,778	*	441,136
510 GROUP ACT MKT POWER	32	6.1	149,157	552,935	*	60,463
511 IMP AGRIC STATISTIC	38	10.4	104,403	1,446,610	*	602,586
512 IMP GRADES FRTS PRO	17	4.3	38,918	351,817	*	26,790
513 PRICE ANAL FRST PRO	25	6.2	88,717	507,955	*	83,773
SUBTOTAL	835	229.1	5,491,029	19,825,274	*	2,210,018
SERIES 600						
601 FGN MKT DEVELOP	51	13.1	386,517	1,276,658	*	89,247
602 EVAL FGN FOOD AID P	4	0.7	4,372	77,049	*	19,455
603 TRCH AID DEV CTRY	65	25.3	46,814	2,077,870	*	434,666
604 PRD DVLPMT/MKTG FRG	9	0.4	7,399	62,296	*	0
SUBTOTAL	129	39.6	445,102	3,493,874	*	543,369
SERIES 700						
701 TOX RES IN FOOD	218	63.2	1,551,381	9,068,600	*	2,405,212
702 FOOD PROT FROM TOX	213	60.0	1,461,915	7,855,681	*	206,660
703 FOOD CONSUMP HABITS	159	43.3	1,240,968	4,141,895	*	753,640
704 HOME CORN FOOD SERV	44	10.7	278,975	1,037,219	*	16,361
705 SEL CARE CLOTH & TE	63	17.0	358,152	1,309,767	*	72,225
706 CONTE INSECTS AFF H	127	39.8	569,955	4,002,137	*	88,404
707 TRANS ANML HAN DI	25	8.7	76,245	1,117,000	*	30,438
708 HUMAN NUTRITION	378	123.2	3,303,402	14,387,916	*	1,107,675
709 REDUCE HAZ HLTH & S	65	16.2	324,512	1,859,244	*	282,720
SUBTOTAL	1292	382.2	9,165,505	44,775,459	*	4,963,335

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SAES SYS 1980	AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	60	21.3	254,925	1,276,615	*	133,754
802 INDIV & FAM DEC EAK	195	55.3	1,369,934	4,731,741	*	218,303
803 RURAL POVERTY	47	12.4	968,539	1,320,486	*	117,523
804 ECON POTENT RURAL PE	106	32.9	782,626	2,266,374	*	172,915
805 COMMUNICAT RURAL PE	144	40.8	968,768	4,582,527	*	171,546
806 ADJUSTMENT TO CHANG	177	51.0	1,072,289	3,487,056	*	265,173
807 AGRIC ECONOMIC CHAN	143	39.1	898,973	3,617,584	*	289,811
808 GOV'T PROGRAMS	44	8.2	165,939	759,719	*	54,157
SUBTOTAL	916	260.9	6,481,993	22,042,100	*	1,383,182
SERIES 900						
901 ALLEV POLLUTION	628	197.7	4,200,676	24,716,660	*	1,189,786
902 OUTDOOR RECREATION	159	50.0	796,980	4,292,105	*	494,965
903 MULTI-USE-FOREST PO	91	20.5	432,924	1,901,218	*	216,102
904 WILDLIFE AND FISH ECO	601	160.2	2,331,366	21,861,652	*	967,304
905 TREES BEAUTIFICATIO	111	30.2	431,589	2,908,698	*	237,163
906 ORNAMENT & TURF DEV	589	219.0	3,266,115	20,995,524	*	186,561
907 RURAL INCOME IMP	158	33.1	959,174	2,881,605	*	319,259
908 RURAL INSTITUT IMP	237	64.4	1,930,405	6,132,849	*	306,903
990 UNCLASSIFIED	66	15.1	1,706,381	4,626,349	*	399,893
SUBTOTAL	2636	790.3	16,055,530	90,276,661	*	4,317,935
SCIENCE IN SERV OF MAN						
GRAND TOTAL	22462	7102.0	146,074,860	853,144,666	*	44,200,716

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CB ADESTRD (GROSS)	REG FED APPR/ CB ADESTRD 1980	SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
					TOTAL FUNDS (GROSS) 1980	USDA CO/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	176	45.0	1,159,066	4,665,537	*	184,776	
0200 WATER	89	22.8	466,624	2,538,228	*	9,676	
0300 WATERSHEDS RIVER EAS	28	4.6	90,017	603,318	*	17,499	
0400 AIR AND CLIMATE	27	5.2	78,637	418,302	*	31,717	
0500 RECREATION RESOURCES	37	11.6	289,362	839,499	*	10,904	
0600 TIMBER FOREST PRODUCT	271	99.3	2,131,738	8,924,439	*	1,281,587	
0700 RANGE	3	0.7	68,890	154,524	*	0	
0800 WILDLIFE AND FISH	145	35.1	601,613	4,282,872	*	81,243	
0900 CITRUS SUB TROP FRUT	5	0.9	26,079	94,304	*	0	
1000 FRUIT NUTS DECIDUCOUS	255	90.9	1,969,500	8,681,212	*	229,425	
1100 POTATOES	83	23.6	621,652	2,741,540	*	290,513	
1200 VEGETABLES	234	71.7	1,752,100	6,972,596	*	305,612	
1300 ORNAMENTALS TURF	117	38.1	850,168	3,784,374	*	14,119	
1400 CORN	98	22.8	603,856	2,141,110	*	13,516	
1500 GRAIN SORGHUM	1	0.1	3,227	4,445	*	0	
1600 RICE	5	1.1	6,530	68,159	*	8,310	
1700 WHEAT	26	5.8	124,663	483,316	*	59,097	
1800 OTHER SMALL GRAINS	21	3.0	64,894	277,338	*	15,410	
1900 PASTURE	5	0.8	34,586	117,376	*	805	
2000 FORAGE CROPS	112	30.2	817,053	2,934,975	*	198,195	
2100 COTTON	2	0.3	7,738	13,354	*	0	
2200 COTTONSEED	2	0.1	1,464	7,863	*	0	
2300 SOYBEANS	53	16.3	573,848	1,509,967	*	127,001	
2400 PEANUTS	2	0.0	0	6,677	*	0	
2500 OTHER OILSEED CROPS	2	0.2	4,619	17,475	*	0	
2600 TOBACCO	23	11.6	141,825	700,545	*	162	
2700 SUGAR CROPS	2	0.6	2,265	69,570	*	0	
2800 MISC NEW CROPS	8	1.7	47,852	155,732	*	0	
2900 POULTRY	154	69.6	1,839,148	6,848,045	*	189,953	
3000 BEEF CATTLE	86	16.3	749,851	2,442,623	*	83,907	
3100 DAIRY CATTLE	213	67.1	1,966,525	8,164,578	*	236,288	
3200 SWINE	39	7.5	216,818	1,081,174	*	30,432	
3300 SHEEP AND WOOL	39	8.2	228,264	1,128,206	*	49,168	
3400 OTHER ANIMALS	85	17.5	363,686	2,151,628	*	24,036	
3500 BEES AND HONEY	9	3.2	48,519	190,551	*	0	
3600 FARM SUPP & FACILITS	16	3.2	76,981	469,921	*	23,536	
3700 CLOTHING & TEXTILES	7	1.0	38,848	223,076	*	0	
3800 FOOD	97	28.7	889,313	3,446,894	*	189,273	
3900 HOUSING & EQUIP	43	12.5	182,719	1,617,622	*	98,411	
4000 PEOPLE AS INDIVIDUAL	147	50.9	835,996	4,505,371	*	116,722	
4100 FAMILY MEMBERS	27	18.2	341,227	1,869,771	*	28,647	
4200 FARM AS BUSINESS	19	6.9	179,104	511,561	*	19,991	
4300 SOC POLIT ORGANIZ	90	26.8	886,354	2,468,614	*	203,955	
4400 AGRIC ECONOMY U S	9	1.5	43,219	131,752	*	0	
4500 AGRIC ECONOMY FORGN	5	4.2	6	139,307	*	19,455	
4600 FARM COOPERATIVES	2	0.2	3,475	16,851	*	0	
4700 OTH MARKET PROCESS	5	1.1	18,325	65,938	*	0	
4800 MARKETING SYSTEMS	10	7.1	176,108	545,933	*	29,307	
6100 WEEDS	2	0.4	20,149	44,289	*	0	
6200 SEED RESEARCH	10	2.6	24,188	244,842	*	0	
6300 BIO CELL SYSTEMS	47	18.1	196,915	1,808,138	*	90,273	
6400 EXP DESIGN/STAT METH	11	3.7	36,206	291,430	*	0	
6500 INVERTEBRATES	43	16.1	250,296	1,451,771	*	23,832	
6600 MICROORGANISMS,VIRUS	57	19.6	257,051	1,797,329	*	141,513	
6700 PLANTS	112	35.8	761,759	3,532,045	*	600,219	
6800 ANIMALS(VERTEBRATES)	59	19.5	134,862	1,921,837	*	115,386	
6900 RESEARCH ON RSCN MGN	3	0.2	3,828	498,147	*	21,638	
7000 RSCN EQUIP & TECHNOL	29	11.5	75,979	731,768	*	2,670	
9900 UNCLASSIFIED	12	1.2	454,935	757,351	*	18,105	
TOTAL	3319	1019.2	23,840,516	104,299,003	*	5,236,242	

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COW/GT/CA WITH SAES SIS 1980	AHOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	28	8.4	143,944	701,268	*	23,724
102 SOIL PLNT WTR NUTRI	59	15.0	523,533	1,761,902	*	94,400
104 ALTERN USE OF LAND	35	9.7	253,219	1,021,593	*	83,018
105 CONSERV USE OF WATE	16	4.0	99,694	318,325	*	0
106 DRAIN AND IRRIGATIO	6	1.1	21,194	110,969	*	253
107 WATERSHED PROT & MG	25	6.6	89,355	697,649	*	22,148
108 ECON LEG PROB OF WA	4	1.1	5,333	290,930	*	1,038
109 WEATHER ADAPT & MOD	20	4.2	51,580	336,464	*	31,717
110 APPRAIS FOREST & BAN	20	3.5	92,235	422,387	*	90,516
111 BIOL CULT MGMT PCRS	78	21.1	507,613	1,830,858	*	330,618
112 IMPROV RANGE RESCR	2	0.5	68,890	144,720	*	0
113 REMOTE SENSING	13	2.4	64,761	185,664	*	292
114 RSCH ON MGMT OF RSC	2	0.2	3,828	323,150	*	11,927
SUBTOTAL	308	77.9	1,925,180	8,145,878	*	689,651
SERIES 200						
201 CMTR FOREST INSECTS	38	13.1	309,646	1,698,254	*	498,000
202 CONTROL FOREST DIS	29	11.6	279,253	931,809	*	58,471
204 CMTR PESTS FRT & VE	95	35.5	577,881	3,357,772	*	278,588
205 CMTR DISE FRT & VEG	119	40.6	923,913	3,857,769	*	213,752
206 CMTR WEEDS FRT & VE	36	7.9	275,542	934,948	*	6,159
207 CMTR PESTS FLD CBOP	41	13.1	358,275	1,095,434	*	90,042
208 CMTR DIS FIELD CBOP	47	13.4	385,260	1,252,525	*	49,584
209 CMTR WEEDS FLD CBOP	21	4.5	176,028	608,154	*	4,393
210 CONTR PESTS ANIMALS	17	4.3	81,198	326,991	*	11,794
211 CONTR DIS ANIMALS	113	44.5	1,246,434	4,929,950	*	303,163
212 CMTR INTER PARASITE	10	2.6	63,757	276,939	*	13,434
213 PROT ANHLS FROM TOX	10	3.3	29,623	210,576	*	11,296
214 PROTECT FROM POLLUT	50	10.7	295,026	1,532,348	*	317,792
SUBTOTAL	626	204.9	5,001,835	21,013,468	*	1,856,429
SERIES 300						
301 GENET BREED FOREST T	11	3.7	172,820	399,260	*	3,154
302 IMP FOREST ENG SYS	7	2.4	77,161	141,722	*	3,821
303 ECON TIMBER PRODUCT	7	2.3	32,630	122,952	*	9,525
304 IMP BIO EFF FRT & V	170	48.3	1,162,040	5,241,054	*	105,524
305 MECH PROD FRT & VEG	18	6.1	300,258	765,686	*	997
306 PROD MGMT SYS F & V	14	4.1	68,530	275,369	*	28,424
307 IMP BIO EFF FLD CRP	112	43.6	998,652	3,635,812	*	160,215
308 MECH PROD FIELD CRO	5	1.1	14,472	119,659	*	52
309 PROD MGMT SYS FLD C	20	7.2	180,465	659,068	*	18,015
310 ANIMAL REPRODUCTION	62	18.7	673,524	2,727,836	*	0
311 IMP BIO EFF ANML PR	162	54.4	1,600,189	7,386,917	*	98,252
312 ENV STRESS IN ANML	29	8.5	332,398	1,073,469	*	0
313 PROD MGMT SYS ANML	30	10.5	249,780	1,409,083	*	70,737
314 BEES OTHER POLLNTNG I	9	3.2	48,519	190,551	*	0
315 IMP STREUC FARM SUPP	30	8.0	187,931	1,225,290	*	105,249
316 FARM BUSINESS MGMT	14	6.6	159,914	457,923	*	19,958
317 MECH/STRUCTS ANML P	9	4.2	83,004	357,796	*	14,775
318 NON-COM BIO TECH/BI	218	90.5	1,038,602	8,232,583	*	354,122
SUBTOTAL	927	323.3	7,380,889	34,421,990	*	992,820
SERIES 400						
401 NEW IMP FOREST PROD	38	22.7	245,611	1,765,005	*	48,303
402 PROD F & V IMP ACCE	36	9.0	128,630	783,125	*	8,090
403 NEW & IMP F&V PRCD	30	10.8	138,488	748,494	*	19,765
404 MKT QUAL FRTS & VEG	47	15.7	591,115	1,821,447	*	42,746
405 PROD FLD CROP IMP A	19	4.1	175,020	450,422	*	44,493
406 NEW IMP FOOD FLD CR	11	3.3	44,118	307,834	*	8,723
407 NEW IMP NON-FOOD FC	4	0.8	5,800	105,670	*	0
408 MKT QUAL FIELD CBOP	6	2.0	35,335	114,889	*	28,512
409 PROD ANML PR IMP AC	16	4.5	203,122	650,319	*	13,315
410 IMP MEAT MILK EGG P	45	13.8	332,933	1,731,080	*	15,989
411 IMP NON-FOOD ANML P	1	0.1	0	3,898	*	0
412 MKT QUAL ANIMAL PRO	12	3.8	85,719	450,487	*	0
SUBTOTAL	265	90.5	1,977,885	8,932,631	*	229,935
SERIES 500						
501 IMP GRADES & STANDS	6	1.0	17,193	102,997	*	0
502 MKTG TIMBER PRODUCT	5	0.9	29,202	78,251	*	0
503 MKTG EFF AGRI PRCD	25	9.3	221,944	547,514	*	33,911
506 SPLY DEMAND AND PRI	20	7.7	208,502	484,118	*	13,529
507 COMP REL IN AGRIC	9	4.2	105,648	206,823	*	11,180
508 DOMESTIC MKT DEVELOP	9	3.6	42,767	194,402	*	0
509 PERFORMANCE MKTG SY	16	8.5	207,191	628,012	*	47,322
510 GROUP ACT MKT POWER	2	0.2	3,423	22,777	*	0
511 IMP AGRIC STATISTIC	4	1.3	10,780	67,166	*	0
512 IMP GRADES FRTS PRO	3	1.0	19,726	66,531	*	4,711
513 PRICE ANAL FRTS PRO	2	0.3	9,254	19,986	*	0
SUBTOTAL	101	37.9	871,628	2,418,577	*	110,653
SERIES 600						
601 FGM MKT DEVELOP	3	0.5	8,174	55,487	*	0
602 EVAL FGM FOOD AID P	1	0.2	0	33,158	*	19,455
603 TECH AID DEV CETY	12	6.3	0	638,232	*	116,048
604 PRD DVLPMT/MKTG FGM	2	0.0	0	28,892	*	0
SUBTOTAL	18	7.0	8,174	755,719	*	135,503
SERIES 700						
701 TOX RES IN FOOD	29	13.5	394,159	1,273,798	*	363,739
702 FOOD PROB FROM TCX	25	8.0	278,314	866,302	*	8,831
703 FOOD CONSUM HABITS	22	7.1	223,921	805,176	*	40,476
704 HOME COMM FOOD SERV	11	2.3	104,172	286,396	*	8,764
705 SEL CARE CLOTH & TE	6	0.8	38,888	209,583	*	0
706 CONTR INSECTS AFF M	39	14.3	265,351	1,066,980	*	27,485
707 TRANS ANIMAL MAN DI	8	4.5	24,343	292,199	*	21,004
708 HUMAN NUTRITION	74	23.1	528,828	2,794,943	*	203,600
709 REDUCE HAZ HLTH & S	10	2.0	30,616	270,981	*	0
SUBTOTAL	224	75.5	1,888,552	7,866,359	*	673,898

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES 1980	AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	6	2.2	22,336	279,198	*	0
802 INDIV & FAM DEC MAK	22	15.7	190,428	1,477,870	*	18,281
803 RURAL POVERTY	3	0.2	86,331	92,095	*	5,753
804 ECON POTENT RURAL PE	16	9.6	178,018	593,220	*	14,092
805 COMMUNICAT RURAL PE	45	10.6	152,548	1,297,775	*	41,903
806 ADJUSTMENT TO CHANG	21	11.0	226,210	569,859	*	13,392
807 AGRIC ECONOMIC CHAN	11	0.8	35,852	124,359	*	33
808 GOV'T PROGRAMS	2	0.5	15,053	31,388	*	0
SUBTOTAL	126	50.5	906,775	4,465,764	*	93,454
SERIES 900						
901 ALLEV POLLUTION	142	41.3	795,437	4,530,439	*	87,164
902 OUTDOOR RECREATION	36	11.5	266,534	785,816	*	13,291
903 MULTI-USE-FOREST PO	15	4.3	118,612	497,894	*	23,494
904 WILDLIFE AND FISH ECO	124	27.6	519,191	3,459,884	*	73,466
905 TREES BEAUTIFICATIO	22	6.9	143,933	517,390	*	136,981
906 ORNAMENT & TURF DEV	114	37.7	844,705	3,737,580	*	14,119
907 RURAL INCOME IMP	29	8.6	330,855	654,836	*	32,376
908 RURAL INSTITUT IMP	52	12.7	405,396	1,337,430	*	54,986
990 UNCLASSIFIED	12	1.2	454,935	757,351	*	18,105
SUBTOTAL	546	151.8	3,879,597	16,278,618	*	453,900
SCIENCE IN SERV OF MAN						
GRAND TOTAL	3141	1019.2	23,840,516	104,299,003	*	5,236,242

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY				SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)			
CLASSIFICATION CATEGORY	NO OF PBOJ	SCIENTIST YEARS 1980	REG PED APPR/ CR ADESTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SAES SYS 1980	AMOUNT 1980	
0100 SOIL AND LAND	336	104.4	2,054,760	11,379,201	*	446,839	
0200 WATER	201	56.5	1,119,273	5,577,265	*	429,093	
0300 WATERSHEDS RIVER BAS	47	12.6	293,185	1,270,376	*	42,511	
0400 AIR AND CLIMATE	19	3.8	68,878	303,436	*	1,646	
0500 RECREATION RESOURCES	32	12.0	156,836	1,093,000	*	354,068	
0600 TIMBER FOREST PRODUCT	435	157.3	3,458,551	16,779,598	*	1,506,510	
0700 RANGE	61	18.4	255,290	1,966,960	*	172,797	
0800 WILDLIFE AND FISH	243	75.8	1,410,735	10,208,081	*	528,518	
0900 CITRUS SUB TROP FRUT	137	72.2	604,974	6,896,921	*	277,327	
1000 FRUIT NUTS DECIDUCUS	338	106.7	1,956,310	11,993,454	*	182,164	
1100 POTATOES	37	6.8	80,180	657,580	*	523	
1200 VEGETABLES	518	190.5	4,216,328	19,984,999	*	565,698	
1300 ORNAMENTALS TURF	227	98.6	1,497,986	8,998,274	*	85,580	
1400 CORN	276	57.1	1,180,834	6,324,215	*	214,196	
1500 GRAIN SORGHUM	153	34.6	435,352	3,154,277	*	30,174	
1600 RICE	93	30.0	417,286	3,345,977	*	10,125	
1700 WHEAT	146	29.2	529,974	2,798,931	*	62,716	
1800 OTHER SMALL GRAINS	102	19.2	642,525	2,041,122	*	213,861	
1900 PASTURE	106	24.6	527,193	2,924,317	*	38,202	
2000 FORAGE CROPS	342	120.5	2,438,294	13,296,381	*	387,012	
2100 COTTON	280	96.3	1,911,008	11,268,454	*	621,916	
2200 COTTONSEED	14	2.1	38,280	208,387	*	0	
2300 SOYBEANS	455	135.5	3,494,468	16,062,964	*	931,955	
2400 PEANUTS	146	40.4	572,582	4,791,860	*	142,900	
2500 OTHER OILSEED CROPS	18	3.5	35,063	289,531	*	121	
2600 TOBACCO	134	49.8	720,427	6,495,670	*	195,358	
2700 SUGAR CROPS	69	34.9	778,156	3,546,949	*	1,277	
2800 MISC NEW CROPS	45	7.7	205,398	697,343	*	32,724	
2900 POULTRY	322	108.1	3,114,233	13,327,965	*	381,892	
3000 BEEF CATTLE	578	193.1	5,949,709	31,513,239	*	1,472,092	
3100 DAIRY CATTLE	389	112.4	3,566,405	19,214,426	*	946,501	
3200 SWINE	231	74.4	2,659,963	11,048,969	*	325,867	
3300 SHEEP AND WOOL	97	16.8	547,222	2,450,624	*	112,968	
3400 OTHER ANIMALS	158	44.8	1,571,196	4,984,177	*	305,009	
3500 BEES AND HONEY	6	2.2	10,370	104,083	*	16,197	
3600 FARM SUPP & FACILITS	25	6.6	56,337	602,398	*	128,320	
3700 CLOTHING & TEXTILES	23	6.3	211,637	475,498	*	72,225	
3800 FOOD	154	54.5	1,897,536	5,125,433	*	535,953	
3900 HOUSING & EQUIP	71	27.3	260,831	1,774,726	*	217,376	
4000 PEOPLE AS INDIVIDUAL	249	68.0	2,389,453	6,564,574	*	1,113,712	
4100 FAMILY MEMBERS	98	26.2	1,003,868	1,927,578	*	348,448	
4200 FARM AS BUSINESS	89	28.6	849,604	1,989,324	*	133,683	
4300 SOC POLIT ORGANIZ	121	34.8	1,606,835	2,941,603	*	185,594	
4400 AGRIC ECONOMY U S	31	9.5	149,840	892,160	*	77,029	
4500 AGRIC ECONOMY FORGN	2	0.1	1,081	10,219	*	0	
4600 FARM COOPERATIVES	11	1.7	67,226	154,125	*	6,505	
4700 OTH MARKET PROCESS	12	1.5	50,488	193,991	*	1,340	
4800 MARKETING SYSTEMS	31	7.4	191,782	670,838	*	144,141	
6100 WEEDS	27	4.6	76,894	627,527	*	69,107	
6200 SEED RESEARCH	7	2.0	36,160	161,945	*	0	
6300 BIO CELL SYSTEMS	40	14.2	154,325	1,551,517	*	40,889	
6400 EXP DESIGN/STAT METH	14	6.4	55,079	653,739	*	43,384	
6500 INVERTEBRATES	67	24.5	290,045	2,473,291	*	87,263	
6600 MICROORGANISMS, VIBUS	57	21.4	260,019	2,683,309	*	56,059	
6700 PLANTS	202	63.8	893,607	8,699,563	*	909,663	
6800 ANIMALS (VERTEBRATES)	98	16.6	295,672	2,339,601	*	94,550	
6900 RESEARCH ON RSCN MGM	7	5.0	18,867	483,014	*	17,398	
7000 RSCN EQUIP & TECHROL	21	3.4	29,105	395,082	*	6,798	
9900 UNCLASSIFIED	24	6.8	578,701	1,496,299	*	243,923	
TOTAL	8272	2594.0	59,904,137	301,866,000	*	15,529,633	

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA - SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COR/GT/CA WITH SAES SYS 1980	AMOUNT 1980
SERIES 100						
101 APPRAISALS OF SOIL RES	70	23.8	345,681	2,823,966	*	21,331
102 SOIL PLNT WTR NUTRI	208	62.6	1,125,480	6,574,587	*	215,398
103 HGT OF SALINE SCIL	18	5.0	45,012	378,340	*	38
104 ALTERN USE OF LAND	40	11.6	204,245	1,104,807	*	40,984
105 CONSERV USE OF WATE	91	20.0	356,424	2,086,425	*	159,096
106 DRAIN AND IRRIGATIO	34	10.1	143,523	988,915	*	46,798
107 WATERSHED PROT & MG	48	14.9	295,278	1,813,825	*	183,501
108 ECON LEG PROB OF WA	5	3.9	56,799	253,862	*	6,116
109 WEATHER ADAPT & MOD	29	4.6	69,484	371,476	*	34,314
110 APPRAIS FOREST & RAN	39	10.0	146,166	731,462	*	86,978
111 BIOL CULT MGMT FCRS	151	49.0	1,196,111	4,550,937	*	165,503
112 IMPROV RANGE RESCR	42	11.6	151,497	1,321,612	*	53,858
113 REMOTE SENSING	18	3.4	98,796	530,494	*	60,672
114 RSCH ON HGT OF ESC	7	5.0	18,867	843,014	*	17,398
SUBTOTAL	792	235.5	4,253,364	23,973,721	*	1,091,986
SERIES 200						
201 CNTRL FORST INSECTS	70	17.6	280,032	2,056,091	*	448,876
202 CONTROL FOREST DIS	48	14.0	272,591	1,070,021	*	35,860
203 FOREST FIRE PROTECT	5	1.0	4,614	151,825	*	100,861
204 CNTR PESTS FRT & VE	142	40.4	578,540	4,078,258	*	297,793
205 CNTR DISR FRT & VEG	253	77.9	1,035,286	8,123,941	*	249,301
206 CNTR WEEDS FRT & VE	64	17.4	212,088	1,834,250	*	85,347
207 CNTR PESTS FLD CROP	259	88.3	1,879,146	9,859,060	*	456,302
208 CNTR DIS FLD CROP	319	109.6	2,032,299	10,471,740	*	557,881
209 CNTR WEEDS FLD CROP	144	48.9	1,040,721	6,046,557	*	138,813
210 CONTR PESTS ANIMALS	53	16.7	394,222	1,742,253	*	224,661
211 CONTE DIS ANIMALS	233	83.9	2,408,359	9,713,808	*	813,398
212 CNTR INTER PARASITE	55	19.1	300,986	2,054,622	*	181,828
213 PROT ANMLS FROM TOX	42	8.9	333,145	1,354,847	*	52,673
214 PROTECT FROM POLLUT	67	11.8	127,987	1,774,780	*	280,726
SUBTOTAL	1754	555.4	10,900,015	60,332,053	*	3,924,319
SERIES 300						
301 GENET BREED FORST T	49	14.9	539,056	2,226,614	*	65,176
302 IMP FOREST ENG SYS	13	6.0	120,767	753,830	*	43,547
303 ECON TIMBER PRODUCT	18	7.1	136,858	744,481	*	143,879
304 IMP BIO EFF FRT & V	402	139.1	2,831,688	15,666,915	*	276,358
305 MECH PROD FRT & VEG	63	14.3	233,965	1,688,324	*	50,092
306 PROD MGMT SYS F & V	38	9.2	118,112	1,043,012	*	3,695
307 IMP BIO EFF FLD CRP	713	302.1	5,736,750	37,330,351	*	1,073,817
308 MECH PROD FIELD CRO	57	20.8	370,862	2,308,120	*	47,081
309 PROD MGMT SIS FLD C	128	32.0	713,813	4,046,695	*	30,830
310 ANIMAL REPRODUCTION	184	81.3	2,304,125	13,026,004	*	83,695
311 IMP BIO EFF ANML PR	536	189.2	6,691,000	35,735,465	*	1,352,862
312 ENV STRESS IN ANML	77	20.0	364,354	2,545,149	*	137,803
313 PROD MGMT SIS ANML	128	30.6	987,077	4,690,608	*	90,085
314 BEES OTH POLLNTNG I	6	2.2	10,370	104,043	*	16,197
315 IMP STRUC FARM SUPP	38	12.0	126,048	1,037,096	*	145,712
316 FARM BUSINESS MGMT	65	23.9	676,320	1,628,532	*	115,442
317 MECH/STRUCTS ANML P	42	10.5	141,918	1,011,787	*	45,184
318 NON-COM BIO TECH/BI	223	89.6	1,029,808	10,349,865	*	308,122
SUBTOTAL	2780	1004.7	23,132,890	135,936,890	*	4,029,577
SERIES 400						
401 NEW IMP FOREST PROD	45	26.6	499,662	3,075,803	*	192,875
402 PROD F & V IMP ACCE	106	21.3	365,193	2,332,135	*	93,246
403 NEW & IMP PEV PRCD	64	25.0	527,237	2,100,324	*	30,734
404 MKT QLAL FRTS & VEG	45	10.6	201,591	1,040,464	*	0
405 PROD FLD CROP INF A	108	27.1	499,700	3,034,859	*	138,112
406 NEW IMP FOOD FLD CR	47	11.8	430,079	1,378,235	*	90,055
407 NEW IMP NON-FOOD FC	19	7.9	183,768	541,959	*	6,328
408 MKT QLAL FIELD CROP	30	7.2	106,885	584,554	*	17,424
409 PROD ANML PR IMP AC	70	18.1	1,138,318	2,495,180	*	213,311
410 IMP HEAT MILK EGG P	98	30.1	853,906	4,238,567	*	55,387
411 IMP NON-FOOD ANML P	8	2.2	100,302	345,110	*	136,588
412 MKT QLAL ANML PRO	49	10.7	373,498	1,258,784	*	19,018
SUBTOTAL	689	198.6	5,280,095	22,425,974	*	994,079
SERIES 500						
501 IMP GRADES & STANDS	32	9.1	232,917	1,143,937	*	3,855
502 MKTG TIMBER PRODUCT	15	2.8	70,420	229,062	*	37,677
503 MKTG EFF AGRI FBCDS	79	21.2	599,676	1,703,819	*	195,740
506 SEL PLY DEMAND AND FRI	75	23.3	759,670	1,928,022	*	98,991
507 COMP REL IN AGRIC	27	4.9	113,125	381,436	*	61,512
508 DOMESTIC MKT DEVELOP	18	6.3	77,177	423,877	*	9,473
509 PERFORMANCE MKTG SY	62	18.1	524,180	1,414,455	*	113,581
510 GROUP ACT MKT POWER	9	1.6	42,235	126,337	*	6,633
511 IMP AGRIC STATISTIC	8	1.4	47,990	98,310	*	6,572
512 IMP GRADES FRTS PRO	2	0.8	9,759	44,470	*	1,097
513 PRICE ANAL FRTS PRO	5	1.0	19,471	79,659	*	9,355
SUBTOTAL	332	90.4	2,496,620	7,573,383	*	544,485
SERIES 600						
601 FGM MKT DEVELOP	7	1.7	36,303	168,318	*	4,265
603 TECH AID DEV CBTY	12	1.6	11,288	173,460	*	42,466
604 PRD DVLPMT/MKTG FRG	3	0.3	2,338	19,032	*	0
SUBTOTAL	22	3.6	49,929	360,809	*	46,731
SERIES 700						
701 TOX RES IN FOOD	68	20.7	697,904	2,790,095	*	652,011
702 FOOD PROT FROM TCX	72	18.0	540,072	2,150,143	*	116,499
703 FOOD CONSUMP HABITS	63	17.4	707,643	1,532,761	*	478,559
704 HOME COMM FOOD SERV	9	2.6	32,833	158,897	*	4,994
705 SEL CARE CLOTH & TE	23	5.8	197,888	442,277	*	72,225
706 CONTR INSECTS AFR M	32	8.2	98,962	1,003,033	*	40,218
707 TRANS ANML HAN DI	6	1.6	7,279	229,449	*	2,939
708 HUMAN NUTRITION	139	41.8	1,404,537	3,999,543	*	533,315
709 REDUCE HAZ HLTH & S	21	7.1	135,255	786,698	*	232,791
SUBTOTAL	433	123.2	3,822,372	13,092,896	*	2,129,549

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)					
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPE/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	OSDA COM/GS/CA WITH SAES SYS 1980
SERIES 800					
801 RURAL HOUSING	29	15.6	164,346	574,927	* 132,269
802 INDIV & FAM DEC MAK	57	15.8	761,093	1,303,711	* 181,426
803 RURAL POVERTY	31	9.9	818,691	1,060,024	* 100,703
804 ECON POTENT RURAL PE	41	11.4	353,743	728,519	* 155,860
805 COMMUNICAT RURAL PE	27	12.3	576,825	1,480,092	* 75,699
806 ADJUSTMENT TO CHANG	63	17.2	399,384	1,069,046	* 208,187
807 AGRIC ECONOMIC CHAN	46	13.4	309,909	1,176,255	* 80,114
808 GOV'T PROGRAMS	11	2.7	25,984	213,493	* 17,940
SUBTOTAL	305	98.3	3,409,974	7,606,066	* 952,197
SERIES 900					
901 ALLEV POLLUTION	180	68.2	1,823,705	7,282,244	* 468,808
902 OUTDOOR RECREATION	27	12.7	154,325	1,205,397	* 351,183
903 MULTI-USE-FOREST PO	30	5.1	140,365	513,306	* 88,105
904 WLDLIFE AND FISH ECO	205	62.0	1,197,890	8,495,445	* 397,730
905 TREES BEAUTIFICATIO	18	4.4	46,659	504,510	* 17,037
906 ORNAMENT TURF LEV	220	95.9	1,483,770	8,656,174	* 68,543
907 RURAL INCOME IMP	61	11.2	299,379	884,153	* 106,195
908 RURAL INSTITUT IPP	60	18.0	834,084	1,566,680	* 79,187
990 UNCLASSIFIED	24	6.8	578,701	1,496,299	* 243,923
SUBTOTAL	825	284.3	6,558,878	30,564,208	* 1,816,711
SCIENCE IN SERV OF MAN					
GRAND TOTAL	7932	2594.0	59,904,137	301,866,000	* 15,529,633

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
				TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	348	100.9	1,815,550	13,315,904	*	546,708
0200 WATER	213	43.9	634,771	5,649,613	*	351,651
0300 WATERSHEDS RIVER BAS	30	7.5	139,491	1,156,196	*	52,893
0400 AIR AND CLIMATE	49	13.3	298,950	1,621,447	*	24,760
0500 RECREATION RESOURCES	47	11.0	164,571	929,882	*	62,874
0600 TIMBER FOREST PRODUCT	309	94.4	2,106,930	11,257,522	*	671,345
0700 RANGE	89	18.2	156,848	1,346,715	*	80,103
0800 WILDLIFE AND FISH	116	28.8	322,883	3,530,026	*	44,339
0900 CITRUS SUB TROP FRUT	2	0.1	8,229	19,470	*	0
1000 FRUIT NUTS DECIDUOUS	181	53.3	854,215	5,866,652	*	112,718
1100 POTATOES	79	21.8	573,998	2,669,615	*	45,744
1200 VEGETABLES	281	65.1	1,488,985	7,287,852	*	202,530
1300 ORNAMENTALS TURF	123	49.3	536,903	4,175,488	*	63,763
1400 CORN	468	109.6	2,541,561	14,924,665	*	979,630
1500 GRAIN SORGHUM	135	26.1	308,700	3,134,989	*	123,165
1600 RICE	10	5.2	5,418	414,861	*	5,053
1700 WHEAT	293	78.0	1,231,421	8,570,361	*	598,896
1800 OTHER SMALL GRAINS	145	31.0	519,744	3,809,790	*	118,482
1900 PASTURE	29	3.7	130,700	609,936	*	22,937
2000 FORAGE CROPS	231	52.6	1,567,047	7,272,558	*	399,912
2100 COTTON	6	2.8	48,198	234,692	*	18,456
2200 COTTONSEED	1	0.0	1,429	2,575	*	0
2300 SOYBEANS	351	85.3	1,706,361	10,189,266	*	728,525
2400 PEANUTS	3	0.0	1,429	15,712	*	2,915
2500 OTHER OILSEED CROPS	58	12.4	183,709	1,256,786	*	48,430
2600 TOBACCO	8	1.8	23,666	186,742	*	1,566
2700 SUGAR CROPS	29	3.4	60,532	668,882	*	15,093
2800 MISC NEW CROPS	30	5.1	141,125	809,211	*	19,893
2900 POULTRY	193	57.1	2,094,647	7,623,610	*	329,623
3000 BEEF CATTLE	404	116.1	3,296,023	25,307,394	*	587,750
3100 DAIRY CATTLE	372	96.0	3,894,466	17,400,030	*	507,740
3200 SWINE	312	87.8	3,044,965	15,591,485	*	589,216
3300 SHEEP AND WOOL	109	22.1	752,113	3,926,776	*	20,872
3400 OTHER ANIMALS	104	23.6	672,631	3,108,588	*	77,092
3500 BEES AND HONEY	7	2.8	33,218	310,828	*	32,555
3600 FARM SUPP & FACILITIS	46	14.3	237,945	1,915,788	*	104,125
3700 CLOTHING & TEXTILES	25	8.7	159,954	552,828	*	0
3800 FOOD	158	43.5	938,791	5,818,900	*	186,527
3900 HOUSING & EQUIP	64	13.1	205,659	1,503,228	*	170,943
4000 PEOPLE AS INDIVIDUAL	170	38.8	717,076	4,167,640	*	221,853
4100 FAMILY MEMBERS	99	29.4	575,452	2,222,412	*	89,742
4200 FARM AS BUSINESS	70	22.3	464,784	2,061,090	*	184,331
4300 SOC POLIT ORGANIZ	130	36.1	879,882	3,618,773	*	281,874
4400 AGRIC ECONOMY U S	44	10.9	322,097	1,261,322	*	232,051
4500 AGRIC ECONOMY FORGN	15	2.7	51,891	382,080	*	196,614
4600 FARM COOPERATIVES	18	3.9	83,599	341,119	*	78,925
4700 OTH MARKET PROCESS	16	3.8	82,355	341,335	*	66,945
4800 MARKETING SYSTEMS	45	12.3	278,765	1,027,577	*	172,179
6100 WEEDS	10	4.3	43,426	261,055	*	0
6200 SEED RESEARCH	8	3.3	30,674	673,752	*	0
6300 BIO CELL SYSTEMS	92	35.9	460,354	5,131,905	*	18,264
6400 EXP DESIGN/STAT METH	31	9.1	42,389	1,473,322	*	630,652
6500 INVERTEBRATES	47	15.9	261,614	1,483,986	*	5,712
6600 MICROORGANISMS,VIRUS	86	28.7	393,416	4,541,324	*	92,995
6700 PLANTS	196	61.7	920,580	8,682,603	*	832,837
6800 ANIMALS(VERTEBRATES)	163	48.2	913,623	6,370,670	*	190,147
6900 RESEARCH ON ESRCH EGN	13	4.0	65,163	368,118	*	51,504
7000 RSCH EQUIP & TECHNOL	25	5.2	46,261	521,120	*	93,793
9900 UNCLASSIFIED	13	1.9	368,045	1,860,709	*	137,865
TOTAL	6629	1766.2	39,504,821	240,374,777	*	11,527,106

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCB-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SARS SYS 1980	SARS AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL BES	71	25.9	327,585	3,234,552	*	145,281
102 SOIL PLNT WTR NUTRI	198	58.7	1,094,551	7,574,208	*	347,090
103 HGMT OF SALINE SOIL	5	0.4	5,770	67,790	*	0
104 ALTERM USE OF LAND	57	15.1	232,050	1,581,650	*	83,667
105 CONSERV USE OF WATE	70	15.9	178,104	2,171,175	*	251,586
106 DRAIN AND IRRIGATIO	40	9.1	130,828	1,217,182	*	39,914
107 WATERSHED PROT & MG	38	9.5	210,610	1,527,095	*	53,151
108 ECON LRG PROB OF WA	17	7.7	60,694	543,282	*	16,391
109 WEATHER ADAPT & MOD	48	14.1	315,943	1,804,692	*	26,323
110 APPRAIS FOREST & RAN	35	7.8	178,779	951,088	*	59,203
111 BIOL CULT HGMT FCBS	100	23.7	549,638	3,007,345	*	95,399
112 IMPROV RANGE RESCR	29	10.4	90,024	912,495	*	51,363
113 REMOTE SENSING	13	3.2	23,087	638,375	*	123,071
114 RSCH ON HGMT OF BSC	13	4.0	65,163	368,118	*	51,504
SUBTOTAL	730	205.0	3,462,786	25,599,046	*	1,343,942
SERIES 200						
201 CMTRL FOREST INSECTS	36	7.6	169,781	939,587	*	128,292
202 CONTROL FOREST DIS	37	7.3	140,765	633,142	*	26,223
203 FOREST FIRE PROTECT	2	0.3	0	31,398	*	9,597
204 CMTR PESTS FRT & VE	55	14.9	249,161	1,852,090	*	43,076
205 CMTR DISE FRT & VEG	118	28.2	709,879	3,177,945	*	145,356
206 CMTR WEEDS FRT & VE	23	6.9	67,529	686,943	*	23,470
207 CMTR PESTS FLD CBOP	136	37.5	980,580	4,905,942	*	276,338
208 CMTR DIS FIELD CBOP	220	67.6	1,644,349	7,293,418	*	374,414
209 CMTR WEEDS FLD CBOP	92	22.0	416,763	3,511,827	*	158,396
210 CONTR PESTS ANIMALS	44	10.6	239,769	1,173,393	*	73,611
211 CONTR DIS ANIMALS	305	84.2	3,101,885	12,404,753	*	1,050,351
212 CMTR INTER PARASITE	25	6.0	209,182	1,018,788	*	7,795
213 PROT ANMLS FROM TOX	46	11.9	218,552	1,322,696	*	22,369
214 PROTECT FROM POLLUT	61	8.3	192,154	1,457,118	*	23,504
SUBTOTAL	1200	313.2	8,340,350	40,409,040	*	2,362,790
SERIES 300						
301 GENET BREED FORST T	40	9.6	344,969	1,047,495	*	21,882
302 IMP FOREST ENG SYS	4	1.3	12,045	114,876	*	27,457
303 ECON TIMBER PRODUCT	13	3.7	58,983	369,143	*	45,151
304 IMP BIO EFF FRT & V	171	60.5	1,143,426	6,965,417	*	133,322
305 MECH PROD FRT & VEG	22	4.9	142,214	516,565	*	20,999
306 PROD HGMT SYS F & V	20	5.1	88,601	464,390	*	0
307 IMP BIO EFF FLD CRP	461	190.4	3,293,162	26,445,155	*	1,644,908
308 MECH PROD FIELD CRO	34	8.1	168,182	1,013,936	*	7,927
309 PROD HGMT SYS FLD C	86	19.4	363,265	2,720,349	*	133,176
310 ANIMAL REPRODUCTION	158	47.6	1,810,284	8,225,833	*	179,619
311 IMP BIO EFF ANML PR	382	153.2	4,795,046	36,054,452	*	520,908
312 ENV STRESS IN ANML	51	11.0	395,247	2,537,177	*	58,841
313 PROD HGMT SYS ANML	92	18.8	524,356	3,708,555	*	44,022
314 BEES OTH POLLWTG I	7	2.8	33,218	310,828	*	32,555
315 IMP STBUC FARM SUPP	51	15.7	211,346	1,988,719	*	199,712
316 FARM BUSINESS HGMT	52	16.0	389,048	1,576,355	*	163,055
317 MECH/STRUCTS ANML P	23	4.6	108,958	543,208	*	48,375
318 NOR-COM BIO TECH/BI	301	130.7	1,652,263	16,302,693	*	147,981
SUBTOTAL	1968	703.4	15,454,533	110,865,146	*	3,437,888
SERIES 400						
401 NEW IMP FOREST PROD	30	17.7	321,986	2,462,137	*	156,373
402 PROD F & V IMP ACCE	49	13.2	236,008	1,283,334	*	8,558
403 NEW & IMP F&V PROD	33	6.7	200,505	812,456	*	13,877
404 MKT QUAL FRTS & VEG	28	6.1	215,270	794,105	*	5,247
405 PROD FLD CRP INE A	91	27.4	531,300	3,145,222	*	135,216
406 NEW IMP FOOD FLD CR	64	17.9	364,996	2,103,231	*	59,503
407 NEW IMP NON-FOOD FC	33	6.7	86,968	769,986	*	9,643
408 MKT QUAL FIELD CBOP	50	8.5	245,561	1,202,979	*	143,231
409 PROD ANML PR IMP AC	51	12.9	539,061	2,473,612	*	41,445
410 IMP MEAT MILK EGG P	92	29.6	722,827	3,012,192	*	30,861
411 IMP NON-FOOD ANML P	6	0.5	3,333	48,692	*	2,021
412 MKT QUAL ANIMAL FRC	36	8.4	241,715	839,878	*	25,458
SUBTOTAL	563	155.6	3,709,529	18,947,825	*	631,434
SERIES 500						
501 IMP GRADES & STANDS	14	4.3	57,696	352,771	*	14,480
502 MKTG TIMBER PRODUCT	5	1.4	27,002	111,750	*	17,548
503 MKTG EFF AGRI PRCDS	69	14.3	467,850	1,584,179	*	167,925
504 SPLX DEMAND AND FRI	30	6.4	247,695	779,448	*	116,661
507 CORR REL IN AGRIC	19	2.4	86,195	290,824	*	38,897
508 DOMESTIC MKT DEVELOP	7	1.4	29,634	97,183	*	648
509 PERFORMANCE MKTG SY	45	15.4	261,781	1,231,390	*	254,985
510 GROUP ACT MKT POWER	16	3.0	92,993	319,709	*	49,414
511 IMP AGRIC STATISTIC	20	3.3	27,438	983,298	*	554,372
512 IMP GRADES FRST PRO	3	0.3	2,114	23,997	*	13,580
513 PRICE ANAL FRST PRO	8	1.5	8,926	159,033	*	60,763
SUBTOTAL	236	53.6	1,309,325	5,933,543	*	1,289,273
SERIES 600						
601 PGW MKT DEVELOP	28	6.6	253,068	649,784	*	64,632
602 EVAL PGW FOOD AID P	2	0.1	4,372	14,235	*	0
603 TECH AID DEV CBTY	22	11.6	23,162	700,816	*	261,404
SUBTOTAL	52	18.3	280,602	1,364,835	*	326,037
SERIES 700						
701 TOX RES IN FOOD	50	9.5	240,871	1,704,341	*	700,006
702 FOOD PROT FROM TCX	74	18.2	425,088	3,113,276	*	79,061
703 FOOD CONSUM HABITS	41	7.3	124,111	596,209	*	151,008
704 HOME COMM FOOD SERV	17	4.5	119,265	507,674	*	0
705 SEL CARE CLOTH & TE	21	7.1	92,131	428,929	*	0
706 CONTR INSECTS AFF M	18	4.4	99,516	405,895	*	4,981
707 TRANS ANML MAN DI	9	1.5	44,122	441,602	*	6,495
708 HUMAN NUTRITION	93	27.6	1,018,482	3,598,776	*	167,508
709 REDUCE HAZ SHTL & S	22	3.6	167,384	448,267	*	49,350
SUBTOTAL	345	84.0	2,306,951	11,244,768	*	1,158,408

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	15	1.9	34,015	272,409	*	0
802 INDIV & FAM DEC MAK	69	16.9	270,315	1,349,150	*	0
803 RURAL POVERTY	4	0.9	49,298	82,261	*	0
804 ECON POTENT RURAL PE	26	7.1	152,725	585,096	*	756
805 COMMUNICAT RURAL PE	44	13.5	190,211	1,373,464	*	53,900
806 ADJUSTMENT TO CHANG	51	14.2	256,468	1,155,897	*	23,147
807 AGRIC ECONOMIC CHAN	57	15.4	387,072	1,565,105	*	151,888
808 GOVT PROGRAMS	20	3.2	88,922	301,766	*	22,881
SUBTOTAL	286	73.0	1,425,027	6,685,149	*	252,571
SERIES 900						
901 ALLEV POLLUTION	158	37.7	961,880	5,451,467	*	120,585
902 OUTDOOR RECREATION	44	10.5	156,348	844,805	*	55,756
903 MULTI-USE-FOREST PO	17	5.6	67,914	432,342	*	21,660
904 WLDLIFE AND FISH ECO	102	25.8	272,930	3,061,024	*	41,265
905 TREES BEAUTIFICATIO	41	7.3	155,455	755,914	*	3,563
906 ORNAMENT & TURF DEV	116	44.3	532,866	4,104,254	*	63,763
907 RURAL INCOME IMP	33	6.1	188,932	698,267	*	127,009
908 RURAL INSTITUT IMP	73	20.9	511,348	2,116,644	*	153,297
990 UNCLASSIFIED	13	1.9	368,045	1,860,709	*	137,865
SUBTOTAL	597	160.0	3,215,719	19,325,425	*	724,763
SCIENCE IN SERV OF MAN						
GRAND TOTAL	5977	1766.2	39,504,821	240,374,777	*	11,527,106

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG PFD APPR/ CR ADHSTD (GROSS)	1980	SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)			
					TOTAL FUNDS (GROSS) 1980	USDA CO/GT/CA 1980	SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	322	109.0	1,214,075		12,017,739	*		1,175,727
0200 WATER	215	62.6	729,383		7,538,203	*		531,330
0300 WATERSHEDS RIVER BAS	42	12.6	129,073		1,408,114	*		263,528
0400 AIR AND CLIMATE	48	15.3	229,733		2,362,892	*		139,355
0500 RECREATION RESOURCES	54	15.5	221,785		1,491,336	*		100,118
0600 TIMBER FOREST PRODUCT	423	178.7	1,912,215		17,412,005	*		2,224,210
0700 RANGE	172	47.3	554,721		5,129,362	*		750,455
0800 WILDLIFE AND FISH	199	52.3	403,417		7,346,726	*		501,951
0900 CITRUS SUB TROP FRUT	145	52.6	498,297		6,635,269	*		82,998
1000 FRUIT NUTS DECIDUCUS	285	103.2	1,252,860		12,788,150	*		263,127
1100 POTATOES	98	27.2	265,723		3,120,261	*		45,500
1200 VEGETABLES	364	106.1	1,404,908		12,495,671	*		386,810
1300 ORNAMENTALS TURF	183	43.6	417,293		4,789,574	*		47,208
1400 CORK	60	11.2	107,023		1,307,661	*		61,082
1500 GRAIN SORGHUM	29	4.2	47,205		556,906	*		7,533
1600 RICE	19	5.1	25,533		725,399	*		57,158
1700 WHEAT	192	42.9	589,297		5,688,132	*		391,832
1800 OTHER SMALL GRAINS	152	28.2	433,572		3,484,248	*		132,493
1900 PASTURE	24	4.2	44,597		438,925	*		0
2000 FORAGE CROPS	236	57.2	976,641		6,880,406	*		321,942
2100 COTTON	85	32.9	331,152		3,800,909	*		120,650
2200 COTTONSEED	3	1.4	13,366		141,446	*		387
2300 SOYBEANS	30	4.9	36,653		636,116	*		162,083
2400 PEANUTS	6	1.4	385		82,335	*		0
2500 OTHER OILSEED CROPS	44	12.3	82,848		1,781,956	*		142,806
2700 SUGAR CROPS	64	10.6	105,477		1,145,324	*		32,789
2800 MISC NEW CROPS	57	14.1	160,411		1,918,332	*		47,490
2900 POULTRY	101	32.1	676,247		3,891,926	*		5,555
3000 BEEF CATTLE	327	116.3	3,227,286		16,100,397	*		853,796
3100 DAIRY CATTLE	191	43.9	1,222,256		6,891,289	*		389,297
3200 SWINE	52	8.1	215,199		1,723,382	*		61,171
3300 SHEEP AND WOOL	115	30.7	632,004		3,569,089	*		110,935
3400 OTHER ANIMALS	74	16.8	268,484		2,102,274	*		82,941
3500 BEES AND HONEY	25	11.1	139,852		1,007,045	*		45,542
3600 FARM SUPP & FACILITS	16	2.4	77,669		459,605	*		1,921
3700 CLOTHING & TEXTILES	16	3.4	34,498		242,289	*		0
3800 FOOD	107	36.7	520,100		5,072,818	*		731,801
3900 HOUSING & EQUIP	45	9.7	113,088		1,193,313	*		108,753
4000 PEOPLE AS INDIVIDUAL	162	41.1	488,000		4,633,676	*		211,535
4100 FAMILY MEMBERS	45	9.4	194,914		716,217	*		15,008
4200 FARM AS BUSINESS	36	10.6	189,832		793,283	*		12,933
4300 SOC POLIT ORGANIZ	85	20.7	335,220		1,807,545	*		70,968
4400 AGRIC ECONOMY U S	28	8.9	122,297		775,171	*		32,204
4500 AGRIC ECONOMY FORGN	9	2.4	32,623		264,907	*		420
4600 FARM COOPERATIVES	7	0.9	6,793		66,049	*		5,093
4700 OTH MARKET PROCESS	8	1.1	18,196		69,834	*		3,340
4800 MARKETING SYSTEMS	13	3.2	29,907		328,821	*		34,759
6100 WEEDS	18	3.8	53,593		480,318	*		87,950
6200 SEED RESEARCH	11	2.2	14,099		274,449	*		9,611
6300 BIG CELL SYSTEMS	49	16.9	92,957		2,525,715	*		154,875
6400 EXP DESIGN/STAT METH	20	7.2	39,192		657,715	*		47,406
6500 INVERTEBRATES	115	47.7	301,439		5,532,552	*		103,879
6600 MICROORGANISMS, VIRUS	62	23.4	146,596		2,637,834	*		79,897
6700 PLANTS	263	72.1	780,786		9,817,243	*		481,303
6800 ANIMALS(VERTEBRATES)	110	64.5	282,252		7,901,296	*		121,136
6900 RESEARCH ON ESRCH MGN	11	3.4	26,006		285,690	*		0
7000 ESRCH EQUIP & TECHNOL	33	10.2	51,696		1,151,757	*		53,142
9900 UNCLASSIFIED	17	5.2	304,660		511,990	*		0
TOTAL	5682	1722.6	22,825,386		206,604,886	*		11,907,735

TABLE III-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION & WESTERN REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PBOJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADWESTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL BES	58	19.5	200,175	1,798,151	*	127,521
102 SOIL PLNT WTR NUTRI	154	43.6	519,406	5,022,426	*	269,013
103 MGMT OF SALINE SOIL	38	11.0	98,532	1,235,742	*	79,847
104 ALTERM USE OF LAND	55	18.4	221,175	1,600,261	*	361,835
105 CONSERV USE OF WATE	103	30.0	296,890	3,144,165	*	257,483
106 DRAIN AND IRRIGATIO	47	16.4	160,773	1,866,610	*	269,836
107 WATERSHED PROT & MG	72	23.6	207,707	2,408,164	*	368,859
108 ECON LEG PROB OF WA	14	3.0	49,196	386,777	*	35,926
109 WEATHER ADAPT & MOD	46	15.6	272,518	1,814,437	*	60,289
110 APPRAIS FOREST & RAW	57	11.8	161,235	1,340,791	*	227,872
111 BIOL CULT MGMT PCS	134	47.5	524,907	5,027,414	*	723,430
112 IMPROV RANGE RESCR	108	29.8	338,682	3,320,158	*	264,917
113 REMOTE SENSING	14	5.2	39,972	540,589	*	90,237
114 RSCH ON MGMT OF FSC	10	3.2	26,006	270,862	*	0
SUBTOTAL	910	278.4	3,117,174	29,776,547	*	3,137,065
SERIES 200						
201 CNTRL FOREST INSECTS	69	18.2	195,498	1,878,042	*	332,943
202 CONTROL FOREST DIS	42	9.6	210,981	1,034,100	*	124,069
203 FOREST FIRE PROTECT	4	0.7	4,200	69,121	*	23,651
204 CNTL PESTS FRT & VE	132	43.3	508,681	5,007,547	*	161,626
205 CNTL DISE FRT & VEG	209	65.6	738,420	8,068,818	*	219,744
206 CNTL WEEDS FRT & VE	56	13.1	185,483	1,630,891	*	97,658
207 CNTL PESTS FLD CROP	116	36.0	404,877	4,099,059	*	510,335
208 CNTL DIS FIELD CROP	126	35.6	439,772	4,592,561	*	243,216
209 CNTL WEEDS FLD CROP	75	21.0	227,687	2,040,826	*	112,953
210 CNTL PESTS ANIMALS	24	3.7	83,890	380,113	*	2,770
211 CNTL DIS ANIMALS	165	89.9	1,531,334	11,480,405	*	1,029,293
212 CNTL INTER PARASITE	28	9.1	360,285	1,065,179	*	99,172
213 PROT ANMLS FROM TOX	28	6.3	78,641	722,035	*	99,252
214 PROTECT FROM POLLUT	71	17.8	203,039	2,590,018	*	116,176
SUBTOTAL	1145	369.9	5,172,390	45,058,715	*	3,172,856
SERIES 300						
301 GENET BREED FOREST T	30	15.2	199,520	1,575,769	*	296,732
302 IMP FOREST ENG SYS	13	7.5	99,490	590,381	*	93,466
303 ECON TIMBER PRODUCT	15	7.4	46,634	935,866	*	113,538
304 IMP BIO EFF F & V	285	91.6	970,793	11,641,126	*	171,859
305 MECH PROD FRT & VEG	38	9.4	79,515	994,726	*	44,675
306 PROD MGMT SYS F & V	25	3.8	41,837	427,579	*	31,719
307 IMP BIO EFF FLD CRP	311	106.3	1,264,969	13,546,814	*	510,447
308 MECH PROD FIELD CBO	14	3.2	36,734	525,214	*	37,722
309 PROD MGMT SYS FLD C	36	9.3	106,323	1,072,340	*	74,867
310 ANIMAL REPRODUCTION	97	31.8	1,072,359	4,747,356	*	142,887
311 IMP BIO EFF ANML PB	207	76.7	1,717,013	13,061,920	*	69,929
312 ENV STRESS IN ANML	37	11.2	234,940	1,781,100	*	25,635
313 PROD MGMT SYS ANML	46	11.4	268,021	1,314,666	*	25,373
314 BEES OTL POLLNTNG I	25	11.1	139,852	1,007,045	*	45,542
315 IMP STRUC FARM SUPP	13	3.2	86,783	642,033	*	81,249
316 FARM BUSINESS MGMT	22	6.6	119,066	482,366	*	8,154
317 MECH/STRUCTS ANMII P	6	0.6	19,402	80,105	*	0
318 NCN-COM BIO TECH/BI	327	137.7	952,649	16,786,436	*	507,149
SUBTOTAL	1547	544.1	7,455,861	71,212,842	*	2,280,943
SERIES 400						
401 NEW IMP FOREST PROD	68	35.1	282,065	2,928,026	*	143,101
402 PROD F & V IMP ACCE	78	16.8	184,614	2,390,028	*	23,131
403 NEW & IMP FV PRCD	62	18.1	171,739	2,021,797	*	32,242
404 MKT QLAL FRTS & VEG	59	19.0	279,771	2,371,989	*	25,788
405 PROD FLD CROP IME A	48	11.9	266,649	1,715,805	*	113,743
406 NEW IMP FOOD FLD CR	19	4.2	96,082	800,980	*	175,273
407 NEW IMP NON-FOOD PC	12	2.9	25,243	398,173	*	19,848
408 MKT QLAL FIELD CROP	16	2.5	44,393	354,425	*	31,926
409 PROD ANML PB IMP AC	27	13.1	280,473	1,123,655	*	14,013
410 IMP MEAT MILK EGG P	30	8.8	128,693	984,497	*	0
411 IMP NON-FOOD ANML P	9	2.3	31,405	192,318	*	0
412 MKT QLAL ANIMAL FRO	22	4.9	79,798	397,840	*	28,499
SUBTOTAL	450	139.6	1,870,926	15,679,532	*	607,164
SERIES 500						
501 IMP GRADES & STANDS	11	4.2	64,769	353,617	*	15,114
502 MKTG TIMBER PRODUCT	6	2.6	9,878	169,496	*	9,625
503 MKTG EFF AGRI PRCD	37	8.2	200,230	588,982	*	79,737
506 SPLY DEMAND AND ERI	37	11.5	260,832	1,055,869	*	62,312
507 COMP REL IN AGRIC	10	2.0	53,345	128,705	*	39
508 DOMESTIC MKT DEVELOP	11	2.4	26,928	194,138	*	6,817
509 PERFORMANCE MKTG SY	24	4.9	114,387	560,920	*	25,289
510 GROUP ACT MKT POWER	5	1.3	10,506	84,112	*	4,415
511 IMP AGRIC STATISTICS	6	4.4	18,195	297,836	*	41,642
512 IMP GRADES FRSF PRO	9	2.3	7,319	216,819	*	7,402
513 PRICE ANAL PRST FRO	10	3.5	47,066	249,277	*	13,655
SUBTOTAL	166	47.1	813,456	3,899,771	*	265,607
SERIES 600						
601 FGN MKT DEVELOP	13	4.3	88,973	403,070	*	20,350
602 EVAL FGN FOOD AIC P	1	0.4	0	29,656	*	0
603 TECH AID DEV CTRY	19	5.8	12,364	565,362	*	14,748
604 PRD DVLMT/MKTG FRG	4	0.2	5,061	14,423	*	0
SUBTOTAL	37	10.7	106,398	1,012,511	*	35,098
SERIES 700						
701 TOX BES IN FOOD	71	19.6	218,447	3,296,367	*	689,456
702 FOOD PROT FROM TCI	42	15.8	218,441	1,725,961	*	2,269
703 FOOD CONSUM HABITS	33	11.6	185,293	1,207,749	*	87,598
704 HOME COMM FOOD SERV	7	1.3	22,724	84,453	*	2,603
705 SEL CARE CLOTH & TE	13	3.3	29,285	228,978	*	0
706 CONTR INSECTS AFF M	38	12.9	106,127	1,526,228	*	15,721
707 TRANS ANML MAN DI	2	1.0	500	153,751	*	0
708 HUMAN NUTRITION	72	30.6	355,556	3,994,653	*	203,253
709 REDUCE HAZ HLTH & S	12	3.5	11,257	353,297	*	580
SUBTOTAL	290	99.5	1,147,629	12,571,436	*	1,001,480

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	10	1.6	34,228	150,081	*	1,485
802 INDIV & FAM DEC MAK	47	7.0	148,099	601,010	*	18,596
803 RURAL POVERTY	9	1.4	14,219	86,106	*	11,067
804 ECON POTENT RURL PE	23	4.9	98,140	359,539	*	2,208
805 COMMUNICAT RURAL PE	28	4.4	49,183	431,195	*	44
806 ADJUSTMENT TO CHANG	42	8.6	190,228	692,253	*	20,448
807 AGRIC ECONOMIC CHAN	29	9.4	166,140	751,865	*	17,776
808 GOV'T PROGRAMS	11	1.8	39,980	213,073	*	13,337
SUBTOTAL	199	39.1	740,217	3,285,121	*	84,961
SERIES 900						
901 ALLEV POLLUTION	144	50.4	619,654	7,452,511	*	517,229
902 OUTDOOR RECREATION	52	15.3	219,733	1,456,087	*	74,734
903 MULTI-USE-FOREST PO	29	5.6	106,032	457,677	*	82,843
904 WLDLFE AND FISH FCO	170	44.8	341,355	6,845,299	*	454,843
905 TREES BEAUTIFICATIO	30	11.6	85,542	1,130,885	*	79,622
906 ORNAMENT & TURF DEV	139	41.2	404,773	4,497,517	*	40,136
907 RURAL INCOME IMP	35	7.3	140,008	644,349	*	53,680
908 RURAL INSTITUT IMP	52	12.7	179,578	1,112,096	*	19,473
990 UNCLASSIFIED	17	5.2	304,660	511,990	*	0
SUBTOTAL	668	194.2	2,401,335	24,108,410	*	1,322,561
SCIENCE IN SERV OF MAN						
GRAND TOTAL	5412	1722.6	22,825,386	206,604,886	*	11,907,735

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NATIONAL TOTAL SALES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYN 1980	COM/GT/CA WITH SALES ABOUT 1980
0100 SOIL AND LAND	1104	334.6	5,353,963	38,978,122	*	1,969,640
0200 WATER	692	169.9	2,547,583	20,280,797	*	1,065,549
0300 WATERSHEDS RIVER EAS	123	30.3	517,446	3,860,053	*	301,300
0400 AIR AND CLIMATE	140	36.1	624,628	4,525,088	*	97,862
0500 RECREATION RESOURCES	132	40.3	690,096	3,521,935	*	372,736
0600 TIMBER FOREST PRODUCT	971	353.6	7,838,420	38,179,259	*	3,400,233
0700 RANGE	268	76.7	963,353	6,173,652	*	911,175
0800 WILDLIFE AND FISH	595	166.2	1,991,349	22,304,772	*	726,266
0900 CITRUS SUB TROP FRUIT	288	125.7	1,137,579	13,645,939	*	360,301
1000 FRUIT NUTS DECIDUCUS	1010	351.7	5,755,629	38,571,487	*	707,964
1100 POTATOES	297	79.4	1,581,512	9,188,996	*	382,279
1200 VEGETABLES	1316	419.3	7,069,588	44,623,934	*	1,168,804
1300 ORNAMENTALS TURF	603	224.3	3,298,318	21,695,945	*	173,885
1400 CORN	898	200.2	4,393,275	24,640,007	*	1,210,780
1500 GRAIN SORGHUM	315	64.8	785,850	6,831,792	*	151,152
1600 RICE	126	41.5	454,768	4,550,331	*	76,582
1700 WHEAT	653	151.0	2,466,606	17,505,232	*	1,089,783
1800 OTHER SMALL GRAINS	406	78.7	1,338,435	9,081,714	*	271,762
1900 PASTURE	162	32.8	574,802	3,908,852	*	42,518
2000 FORAGE CROPS	906	255.2	5,460,138	29,934,679	*	1,204,367
2100 COTTON	365	124.6	2,062,339	14,970,027	*	633,816
2200 COTTONSEED	20	3.6	58,499	360,271	*	387
2300 SOYBEANS	846	223.2	4,482,303	26,329,586	*	1,269,938
2400 PEANUTS	153	38.7	491,805	4,773,385	*	105,208
2500 OTHER OILSEED CROPS	120	28.4	304,099	3,343,587	*	191,337
2600 TOBACCO	163	62.1	850,203	7,261,318	*	111,164
2700 SUGAR CROPS	164	49.4	946,430	5,430,724	*	49,158
2800 MISC NEW CROPS	139	28.6	554,786	3,579,425	*	98,913
2900 POULTRY	747	254.3	7,132,504	30,851,673	*	668,064
3000 BEEF CATTLE	1370	434.2	12,155,038	73,893,322	*	2,595,044
3100 DAIRY CATTLE	1145	316.0	10,030,384	50,791,880	*	1,420,690
3200 SWINE	607	165.5	4,915,704	27,907,529	*	697,680
3300 SHEEP AND WOOL	88	17.4	331,011	2,547,259	*	17,664
3300 SHEEP AND WOOL	262	56.2	1,449,817	7,947,441	*	271,125
3400 OTHER ANIMALS	404	91.8	1,605,604	10,903,347	*	332,289
3500 BEES AND HONEY	47	19.3	231,959	1,612,468	*	94,294
3600 FARM SUPP & FACILITS	96	24.4	427,694	3,288,373	*	131,417
3700 CLOTHING & TEXTILES	64	17.3	358,291	1,333,287	*	0
3800 FOOD	480	151.8	3,481,654	18,272,782	*	1,220,376
3900 HOUSING & EQUIP	213	50.4	720,212	5,825,229	*	462,850
4000 PEOPLE AS INDIVIDUAL	631	169.6	2,810,397	16,535,847	*	497,231
4100 FAMILY MEMBERS	219	64.8	1,070,587	5,230,081	*	21,964
4200 FARM AS BUSINESS	204	64.5	1,423,652	5,036,851	*	292,163
4300 SOC POLIT ORGANIZ	397	110.0	2,852,591	9,900,845	*	628,660
4400 AGRIC ECONOMY U S	109	30.5	623,849	3,012,758	*	307,241
4500 AGRIC ECONOMY FORGN	30	9.4	85,201	796,388	*	216,489
4600 FARM COOPERATIVES	36	6.2	131,359	545,487	*	87,601
4700 OTH MARKET PROCESS	41	7.4	169,364	671,095	*	71,625
4800 MARKETING SYSTEMS	97	29.3	676,561	2,522,861	*	330,478
6100 WEEDS	55	12.7	194,062	1,391,378	*	135,245
6200 SEED RESEARCH	36	10.0	105,121	1,354,988	*	9,611
6300 BIO CELL SYSTEMS	223	80.8	904,550	10,791,056	*	298,774
6400 EXP DESIGN/STAT METH	73	25.7	130,780	3,001,284	*	688,603
6500 INVERTEBRATES	267	103.1	1,032,561	10,810,452	*	200,860
6600 MICROORGANISMS, VIRUS	255	91.1	1,042,279	11,517,064	*	340,468
6700 PLANTS	754	229.2	3,331,064	30,407,904	*	2,720,731
6800 ANIMALS (VERTEBRATES)	423	142.8	1,607,210	18,379,012	*	468,032
6900 RESEARCH ON RSCN MGM	33	12.6	113,864	1,279,367	*	78,613
7000 RSCN EQUIP & TECHNOL	97	24.0	189,066	2,169,824	*	144,657
9900 UNCLASSIFIED	56	13.7	1,387,435	4,263,793	*	393,355
TOTAL	22534	6626.6	127,231,185	804,843,635	*	33,988,755

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CNS 1980	CW/GT/CA WITH SARS 1980
SERIES 100						
101 APPRAIS OF SOIL RES	213	72.4	951,264	8,105,572	*	286,978
102 SOIL PLNT WTR NUTRI	565	163.5	2,678,709	19,610,604	*	780,950
103 MGMT OF SALINE SOIL	60	16.3	189,314	1,681,834	*	79,847
104 ALTERN USE OF LAND	173	52.5	899,081	5,075,047	*	514,106
105 CONSERV USE OF WATE	273	65.4	881,980	7,402,595	*	656,823
106 DRAIN AND IRRIGATIO	127	36.7	456,318	4,183,676	*	356,801
107 WATERSHED PROT & MG	149	44.9	714,719	5,580,622	*	493,587
108 ECON LEG PROB OF WA	40	15.7	172,022	1,478,851	*	59,871
109 WEATHER ADAPT & MOD	135	35.4	679,515	4,100,517	*	90,567
110 APPRAIS FOREST & RAH	110	27.6	444,536	2,923,834	*	381,725
111 BIOL CULT AGMT PCRS	271	87.7	2,077,789	9,019,921	*	495,731
112 IMPROV RANGE RESCR	169	48.9	604,298	5,351,816	*	307,127
113 REMOTE SENSING	41	12.2	150,286	1,664,382	*	191,588
114 RSCH ON MGMT OF BSC	31	12.4	113,864	1,089,542	*	68,902
SUBTOTAL	2357	691.6	10,969,657	77,224,772	*	4,764,202
SERIES 200						
201 CNTRL FOREST INSECTS	161	42.3	847,317	5,231,929	*	1,084,349
202 CONTROL FOREST DIS	115	34.7	750,906	2,990,991	*	166,568
203 FOREST FIRE PROTECT	7	1.7	8,814	206,242	*	114,024
204 CNTR PESTS FRT & VE	420	133.7	1,883,510	14,662,744	*	778,912
205 CNTR DISE FRT & VEG	689	210.8	3,289,072	23,038,079	*	756,184
206 CNTR WEEDS FRT & VE	171	44.6	730,299	5,032,166	*	169,366
207 CNTR PESTS FLD CROP	540	171.7	3,490,460	19,695,958	*	1,206,190
208 CNTR DIS FIELD CROP	699	218.3	4,265,863	23,124,882	*	975,511
209 CNTR WEEDS FLD CROP	329	94.5	1,723,187	12,066,722	*	411,965
210 CONTR PESTS ANIMALS	135	34.3	686,224	3,471,378	*	312,835
211 CONTR DIS ANIMALS	233	72.8	2,050,351	8,469,286	*	726,135
211 CONTR DIS ANIMALS	571	222.7	5,988,656	29,587,172	*	2,442,681
212 CNTR INTER PARASITE	117	36.4	934,211	4,370,942	*	257,643
213 PROT ANHLS FROM TOX	124	30.1	635,878	3,586,070	*	185,589
214 PROTECT FROM POLLUT	232	44.8	780,982	6,719,752	*	660,774
SUBTOTAL	4543	1393.5	28,065,690	162,254,313	*	10,248,727
SERIES 300						
301 GENET BREED FOREST T	94	29.7	1,113,791	4,079,470	*	98,329
302 IMP FOREST ENG SYS	26	11.4	204,363	1,157,840	*	84,687
303 ECON TIMBER PRODUCT	38	13.3	246,224	1,653,664	*	214,346
304 IMP BIO EFF FRT & V	994	330.7	4,809,157	37,971,419	*	474,686
305 MECH PROD FRT & VEG	139	34.6	735,893	3,941,866	*	116,763
306 PROD MGMT SYS F & V	95	22.2	242,850	2,176,120	*	63,838
307 IMP BIO EFF FLD CRP	1551	626.9	9,996,123	79,076,340	*	2,807,956
308 MECH PROD FIELD CRO	109	33.0	590,211	3,963,551	*	92,782
309 PROD MGMT SYS FLD C	267	67.5	1,307,383	8,424,861	*	239,779
310 ANIMAL REPRODUCTION	481	172.6	4,956,391	27,749,673	*	339,709
311 IMP BIO EFF ANML PR	1243	459.5	12,904,245	89,255,744	*	967,306
312 ENV STRESS IN ANML	192	49.9	1,326,939	7,874,836	*	160,694
313 PROD MGMT SYS ANML	287	67.5	1,646,667	10,641,724	*	131,595
314 BEES OTH POLLNTNG I	47	19.3	231,959	1,612,468	*	94,294
315 IMP STRUC FARM SUPP	125	36.9	590,830	4,693,799	*	405,436
316 FARM BUSINESS MGMT	148	49.9	1,104,508	3,904,185	*	265,458
317 MECH/STRUCTS ANML P	79	19.6	353,283	1,986,140	*	108,334
318 HOM-COM BIO TECH/BI	1039	433.3	4,576,169	50,749,094	*	1,181,569
SUBTOTAL	6954	2477.9	46,936,986	380,912,394	*	7,847,522
SERIES 400						
401 NEW IMP FOREST PBOD	119	60.6	1,123,934	6,298,846	*	402,859
402 PROD F & V IMP ACCE	263	58.8	839,302	6,629,253	*	45,479
403 NEW & IMP F&V PRCD	189	60.7	1,033,964	5,683,072	*	96,619
404 MKT QLAL FRTS & VEG	179	51.4	1,287,786	6,028,005	*	73,781
405 PBOD FLD CROP IMP A	256	68.6	1,363,834	8,079,715	*	291,402
406 NEW IMP FOOD FLD CR	133	35.4	764,250	4,329,202	*	243,498
407 NEW IMP NON-FOOD FC	68	18.3	301,778	1,815,787	*	37,419
408 MKT QLAL FIELD CROP	102	20.2	432,134	2,256,807	*	221,092
409 PROD ANAL FB IMP AC	151	42.5	1,494,295	5,868,514	*	76,439
410 IMP MEAT MILK EGG P	264	82.1	2,009,421	9,937,399	*	102,237
411 IMP NON-FOOD ANML P	22	4.6	87,162	502,140	*	138,609
412 MKT QLAL ANIMAL FRO	116	27.0	666,576	2,822,840	*	61,977
SUBTOTAL	1862	530.1	11,364,397	60,251,580	*	1,791,410
SERIES 500						
501 IMP GRADES & STANDS	63	18.5	372,574	1,953,321	*	33,848
502 MKTG TIMBER PRODUCT	23	4.9	117,275	400,615	*	54,198
503 MKTG EFF AGRI PRCD	207	51.8	1,489,701	4,330,845	*	383,663
506 SPLY DEMAND AND PRI	161	47.8	1,422,185	4,196,343	*	291,493
507 COMC REL IN AGRIC	65	13.6	358,314	1,007,787	*	111,628
508 DOMESTIC MKT DEVELOP	44	13.5	171,093	904,018	*	16,538
509 PERFORMANCE MKTG SY	146	46.8	1,107,539	3,833,156	*	439,514
510 GROUP ACT MKT POWER	30	5.5	119,423	520,279	*	57,541
511 IMP AGRIC STATISTIC	36	10.1	62,318	1,397,953	*	596,014
512 IMP GRADES FEST PRO	13	3.1	38,918	257,897	*	22,639
513 PRICE ANAL FRST PRO	15	3.1	49,795	270,145	*	69,533
SUBTOTAL	803	218.7	5,309,135	19,072,960	*	2,076,209
SERIES 600						
601 FGN MKT DEVELOP	51	13.1	386,517	1,276,658	*	89,247
602 EVAL FGN FOOD AID P	4	0.7	4,372	77,049	*	19,455
603 TECH AID DEV CTRY	60	22.1	45,032	1,827,991	*	422,017
604 PRD DVLPMT/MKTG FRG	9	0.4	7,399	62,296	*	0
SUBTOTAL	124	36.4	443,320	3,243,995	*	530,719
SERIES 700						
701 TOX RES IN FOOD	209	59.0	1,167,720	8,605,655	*	2,329,928
702 FOOD PROT FROM TCX	204	58.0	1,360,390	7,641,607	*	94,110
703 FOOD CONSUMP HABITS	124	32.8	685,502	3,030,582	*	198,575
704 HOME COMM FOOD SERV	41	10.6	265,597	1,018,529	*	11,367
705 SEL CARE CLOTH & TE	56	14.9	271,506	1,149,362	*	0
706 CONTR INSECTS AFF B	127	39.8	569,955	4,002,137	*	88,404
707 TRANS ANML HAN DI	25	8.7	76,245	1,117,000	*	30,438
708 HUMAN NUTRITION	326	102.9	2,054,482	12,528,282	*	498,525
709 REDUCE HAZ HLTH & S	61	13.1	227,216	1,589,260	*	110,032
SUBTOTAL	1173	339.3	6,678,613	40,682,373	*	3,361,380

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	CON/GT/CA WITH SAES AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	54	10.5	212,840	1,107,051	*	7,367
802 INDIAN & FAR DEC MAK	173	47.1	683,572	3,829,917	*	24,101
803 RURAL POVERTY	25	5.3	156,277	405,592	*	16,022
804 ECON POTENT RURL PE	86	24.9	513,021	1,884,573	*	20,719
805 COMMUNICAT RURAL PE	126	36.4	404,373	3,349,866	*	24,742
806 ADJUSTMENT TO CHANG	158	47.2	953,267	3,146,494	*	67,467
807 AGRIC ECONOMIC CHAN	136	38.0	823,359	3,490,343	*	198,185
808 GOV'T PROGRAMS	44	8.2	165,939	759,719	*	54,157
SUBTOTAL	802	217.5	3,912,649	17,933,554	*	392,759
SERIES 900						
901 ALLEV POLLUTION	586	176.7	3,258,802	23,025,616	*	724,596
902 OUTDOOR RECREATION	124	40.3	659,305	3,506,309	*	337,022
903 MULTI-USE-FOREST PO	66	15.6	291,127	1,390,544	*	147,562
904 WLDLIFE AND FISH ECO	504	136.1	1,704,269	19,007,645	*	613,795
905 TREES BEAUTIFICATIO	97	26.2	431,589	2,553,116	*	53,234
906 ORNAMENT & TURF DEV	587	219.0	3,266,115	20,970,410	*	166,813
907 RURAL INCOME IMP	149	32.4	959,174	2,769,547	*	247,200
908 RURAL INSTITUT ISP	229	61.5	1,592,923	5,780,713	*	292,249
990 UNCLASSIFIED	56	13.7	1,387,435	4,263,793	*	393,355
SUBTOTAL	2398	721.6	13,550,738	83,267,693	*	2,975,827
SCIENCE IN SERV OF MAN						
GRAND TOTAL	21016	6626.6	127,231,185	804,843,635	*	33,988,755

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALABAMA AUBURN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG FED APPR/ CB ADMSTRD (GBOSS) 1980	TOTAL FUNDS (GBOSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	9	4.1	79,813	486,170	*	1,461
0200 WATER	5	1.5	29,093	157,194	*	4,052
0500 RECREATION RESOURCES	1	2.0	0	95,252	*	0
0600 TIMBER FOREST PRODUCT	27	12.8	370,146	1,169,703	*	54,909
0800 WILDLIFE AND FISH	22	12.5	132,724	1,664,144	*	32,934
1000 FRUIT NUTS DECIDUCUS	12	5.8	130,141	561,902	*	0
1100 POTATOES	4	0.8	5,734	65,326	*	0
1200 VEGETABLES	15	7.3	157,270	534,462	*	1,559
1300 ORNAMENTALS TURF	8	5.4	85,167	410,406	*	0
1400 CORN	11	4.0	73,175	259,604	*	0
1500 GRAIN SORGHUM	6	1.0	16,830	68,401	*	0
1700 WHEAT	4	1.1	6,575	67,678	*	0
1800 OTHER SMALL GRAINS	4	1.0	13,969	70,206	*	0
1900 PASTURE	2	0.8	14,902	80,602	*	0
2000 FORAGE CROPS	13	8.8	188,990	766,052	*	0
2100 COTTON	15	4.6	115,829	510,676	*	10,552
2200 COTTONSEED	1	0.1	6,546	12,156	*	0
2300 SOYBEANS	18	10.2	195,099	978,669	*	5,348
2400 PEANUTS	10	3.4	80,020	352,969	*	8,411
2900 POULTRY	17	8.3	276,398	1,120,828	*	77,510
3000 BEEF CATTLE	32	17.8	413,906	2,323,919	*	136,421
3100 DAIRY CATTLE	18	5.4	146,641	726,706	*	127,673
3200 SWINE	12	8.6	238,898	1,303,204	*	0
3700 CLOTHING & TEXTILES	2	0.7	30,231	51,749	*	0
3800 FOOD	5	1.8	37,102	106,808	*	0
3900 HOUSING & EQUIP	3	1.0	0	137,782	*	19,227
4000 PEOPLE AS INDIVIDUAL	3	1.3	49,408	94,582	*	0
4100 FAMILY MEMBERS	1	0.3	5,359	17,811	*	0
4200 FARM AS BUSINESS	7	0.9	25,215	113,456	*	4,807
4300 SOC POLIT ORGANIZ	5	1.8	68,314	96,818	*	0
4400 AGRIC ECONOMY U S	2	0.2	7,258	24,236	*	0
4800 MARKETING SYSTEMS	4	1.1	76,309	137,148	*	0
6100 WEEDS	1	0.6	8,449	77,342	*	2,873
6500 INVERTEBRATES	3	0.7	8,592	64,407	*	134
6600 MICROORGANISMS, VIRUS	3	1.0	8,922	31,780	*	0
6700 PLANTS	5	4.0	46,951	308,201	*	14,350
6800 ANIMALS (VERTEBRATES)	5	0.9	16,180	63,882	*	850
7000 RSCH EQUIP & TECHNOL	1	0.2	0	1,929	*	173
9900 UNCLASSIFIED	1	0.0	739	739	*	0
TOTAL	317	143.2	3,166,892	15,114,897	*	503,241

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALASKA FAIRBANKS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG FED APPR/ CB ADMSTRD (GBOSS) 1980	TOTAL FUNDS (GBOSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	7	0.6	39,145	142,198	*	0
0200 WATER	1	0.0	1,487	1,487	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	5,091	5,091	*	0
0400 AIR AND CLIMATE	2	0.7	54,320	221,317	*	0
0500 RECREATION RESOURCES	1	0.8	17,890	89,957	*	0
0600 TIMBER FOREST PRODUCT	4	0.5	118,836	317,732	*	0
0700 RANGE	2	0.0	8,956	17,014	*	0
0800 WILDLIFE AND FISH	3	0.0	12,865	16,323	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.3	13,582	60,345	*	0
1100 POTATOES	1	0.1	0	4,332	*	0
1200 VEGETABLES	2	0.3	12,758	64,470	*	0
1300 ORNAMENTALS TURF	2	0.4	39,311	104,786	*	0
1700 WHEAT	3	0.5	7,122	62,902	*	0
1800 OTHER SMALL GRAINS	7	2.3	58,035	302,050	*	0
1900 PASTURE	2	0.1	24,244	95,665	*	0
2000 FORAGE CROPS	3	0.9	90,505	338,105	*	0
2500 OTHER OILSEED CROPS	3	0.6	16,718	103,793	*	0
3100 DAIRY CATTLE	4	1.0	199,037	665,173	*	0
3200 SWINE	1	0.4	34,436	110,263	*	0
3600 FARM SUPP & FACILIT	1	0.2	55,978	213,990	*	0
3900 HOUSING & EQUIP	1	0.1	11,168	48,835	*	0
4200 FARM AS BUSINESS	1	0.1	1,963	19,774	*	0
6700 PLANTS	1	0.0	0	2,000	*	2,000
6800 ANIMALS (VERTEBRATES)	1	0.0	0	2,000	*	2,000
9900 UNCLASSIFIED	1	0.0	11,026	11,026	*	0
TOTAL	56	9.9	834,472	3,020,626	*	4,000

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ARKANSAS FAYETTEVILLE SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	26	4.4	60,165	691,977	*	17,387
0200 WATER	18	2.8	63,325	376,365	*	19,005
0300 WATERSHEDS RIVER BAS	9	0.9	22,622	83,098	*	6,840
0400 AIR AND CLIMATE	6	0.4	8,012	38,798	*	0
0600 TIMBER FOREST PRODUCT	29	9.0	264,282	930,818	*	62,638
0700 RANGE	3	0.9	23,845	41,385	*	0
0800 WILDLIFE AND FISH	4	0.6	17,236	69,988	*	2,912
1000 FRUIT NUTS DECIDUCUS	26	5.6	140,685	862,860	*	0
1100 POTATOES	1	0.0	0	6,119	*	0
1200 VEGETABLES	26	5.7	193,430	797,370	*	0
1300 ORNAMENTALS TURF	9	2.0	45,072	159,588	*	0
1400 CORN	8	0.9	19,495	119,725	*	8,276
1500 GRAIN SORGHUM	11	1.1	17,372	131,493	*	3,738
1600 RICE	21	4.9	65,504	898,976	*	3,995
1700 WHEAT	11	2.0	44,995	278,230	*	304
1800 OTHER SMALL GRAINS	4	0.6	15,572	96,044	*	251
1900 PASTURE	6	0.5	16,431	115,467	*	801
2000 FORAGE CROPS	16	1.9	29,623	258,981	*	1,213
2100 COTTON	30	10.5	217,778	1,380,422	*	29,294
2300 SOYBEANS	44	15.7	280,656	2,455,847	*	6,637
2400 PEANUTS	1	0.1	0	17,364	*	0
2800 MISC NEW CROPS	3	0.4	11,997	29,976	*	0
2900 POULTRY	37	10.3	304,991	1,078,042	*	88
3000 BEEF CATTLE	38	7.6	238,380	1,416,476	*	13,460
3100 DAIRY CATTLE	23	3.9	191,801	833,910	*	7,595
3200 SWINE	17	2.1	53,137	300,667	*	176
3300 SHEEP AND WOOL	9	0.8	25,440	99,004	*	0
3400 OTHER ANIMALS	14	1.8	29,521	137,998	*	0
3600 FARM SUPP & FACILITS	1	0.2	7,086	10,322	*	0
3700 CLOTHING & TEXTILES	3	0.5	15,138	39,894	*	0
3800 FOOD	5	1.1	29,599	89,403	*	0
3900 HOUSING & EQUIP	6	2.6	6,557	239,075	*	0
4000 PEOPLE AS INDIVIDUAL	10	2.6	36,493	286,582	*	2,220
4100 FAMILY MEMBERS	5	1.7	11,143	134,123	*	0
4200 FARM AS BUSINESS	2	0.3	10,402	26,188	*	713
4300 SOC POLIT ORGANIZ	6	2.1	89,528	180,747	*	9,045
4600 FARM COOPERATIVES	1	0.1	1,798	5,175	*	0
4700 OTH MARKET PROCESS	1	0.1	1,798	5,175	*	0
4800 MARKETING SYSTEMS	1	0.1	2,397	6,900	*	0
6400 EXP DESIGN/STAT METH	1	0.2	407	20,591	*	0
6500 INVERTEBRATES	5	1.6	24,966	125,158	*	4,825
6600 MICROORGANISMS, VIRUS	5	0.7	24,135	65,363	*	0
6700 PLANTS	8	1.4	22,716	454,053	*	357,289
6800 ANIMALS(VERTEBRATES)	5	1.3	11,067	104,132	*	26,715
7000 RSCH EQUIP & TECHNOL	1	0.0	0	5,929	*	0
9900 UNCLASSIFIED	1	0.5	0	267,300	*	76
TOTAL	517	113.8	2,696,597	15,813,017	*	585,452

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ARIZONA TUCSON SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	24	9.2	103,962	846,923	*	290,816
0200 WATER	22	6.3	66,912	627,931	*	106,274
0300 WATERSHEDS RIVER BAS	3	1.9	6,278	298,926	*	116,035
0400 AIR AND CLIMATE	3	0.9	10,740	80,220	*	0
0500 RECREATION RESOURCES	7	3.8	35,525	368,711	*	41,606
0600 TIMBER FOREST PRODUCT	15	3.8	35,616	336,384	*	72,984
0700 RANGE	15	4.1	47,424	417,766	*	104,178
0800 WILDLIFE AND FISH	6	1.9	23,675	248,989	*	32,645
0900 CITRUS SUB TROP FBUT	11	5.7	35,858	596,461	*	51,522
1000 FRUIT NUTS DECIDUCUS	9	1.8	19,902	177,486	*	4,023
1100 POTATOES	2	0.3	1,156	42,627	*	5,950
1200 VEGETABLES	28	11.4	101,745	1,192,745	*	46,096
1300 ORNAMENTALS TURF	12	2.8	17,007	313,472	*	4,265
1400 CORN	1	0.0	1,789	2,605	*	0
1500 GRAIN SORGHUM	4	0.7	15,639	186,286	*	3,559
1700 WHEAT	10	2.2	16,120	222,242	*	4,050
1800 OTHER SMALL GRAINS	9	1.5	18,749	166,319	*	0
2000 FORAGE CROPS	14	2.7	67,731	628,108	*	1,032
2100 COTTON	29	15.5	150,316	1,964,062	*	66,244
2200 COTTONSEED	2	1.4	12,982	134,737	*	387
2300 SOYBEANS	3	0.4	4,022	41,195	*	49
2500 OTHER OILSEED CROPS	3	0.9	8,584	105,474	*	37,214
2700 SUGAR CROPS	7	1.2	5,160	127,774	*	11,545
2800 MISC NEW CROPS	7	2.3	28,221	575,311	*	8,352
2900 POULTRY	6	1.5	40,255	238,716	*	2,158
3000 BEEF CATTLE	22	8.1	146,155	908,000	*	48,114
3100 DAIRY CATTLE	16	6.1	111,278	583,511	*	33,911
3200 SWINE	9	1.3	19,500	64,931	*	8,967
3300 SHEEP AND WOOL	3	0.2	7,580	27,035	*	0
3400 OTHER ANIMALS	7	3.0	62,545	280,772	*	34,404
3700 CLOTHING & TEXTILES	2	0.2	5,872	12,637	*	0
3800 FOOD	4	0.9	19,872	218,804	*	0
3900 HOUSING & EQUIP	4	0.2	1,412	16,067	*	0
4000 PEOPLE AS INDIVIDUAL	13	1.6	13,304	319,452	*	0
4100 FAMILY MEMBERS	13	3.8	39,580	298,595	*	0
4200 FARM AS BUSINESS	3	1.8	2,982	80,058	*	0
4300 SOC POLIT ORGANIZ	3	0.0	404	45,518	*	0
4400 AGRIC ECONOMY U S	1	0.1	994	2,854	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	1,400	8,464	*	0
4600 FARM COOPERATIVES	2	0.5	4,285	26,315	*	0
4700 OTH MARKET PROCESS	3	0.8	8,472	49,875	*	0
4800 MARKETING SYSTEMS	1	0.5	4,604	40,778	*	0
6200 SEED RESEARCH	1	0.0	878	5,679	*	0
6300 BIO CELL SYSTEMS	1	0.9	27,239	136,234	*	0
6400 EXP DESIGN/STAT METH	1	1.1	0	65,113	*	0
6500 INVERTEBRATES	5	1.8	7,850	163,655	*	0
6700 PLANTS	9	2.0	30,102	196,812	*	14,348
6800 ANIMALS(VERTEBRATES)	7	5.6	45,690	854,833	*	207
6900 RESEARCH ON RSCH EGM	1	0.0	0	29,813	*	0
7000 RSCH EQUIP & TECHNOL	3	1.0	3,420	59,282	*	1,303
TOTAL	387	125.4	1,440,704	14,435,704	*	1,152,239

CLASSIFICATION CATEGORY	NO PROJ	SCIENTIST OF 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS 1980	CALIFORNIA		USDA CON/GT/CA 1980	BERKELEY 1980	SAES 1980
					YEARS 1980	1980			
0100 SOIL AND LAND	93	32.1	208,971	4,380,884	*	253,284			
0200 WATER	61	15.0	107,951	2,225,300	*	186,410			
0300 WATERSHEDS RIVER BAS	5	1.1	18,906	132,789	*	25,499			
0400 AIR AND CLIMATE	17	5.5	34,982	911,300	*	19,518			
0500 RECREATION RESOURCES	11	3.0	40,296	282,187	*	630			
0600 TIMBER FOREST PRODUCT	92	34.4	354,522	4,027,901	*	292,521			
0700 RANGE	30	8.9	48,984	1,097,916	*	85,746			
0800 WILDLIFE AND FISH	57	17.6	85,055	2,871,691	*	133,413			
0900 CITRUS SUB TROP FRUIT	77	28.9	195,623	4,613,071	*	31,441			
1000 FRUIT NUTS DECIDUCUS	116	44.2	293,418	6,213,314	*	92,873			
1100 POTATOES	15	4.1	25,425	455,314	*	9,730			
1200 VEGETABLES	117	32.9	216,500	4,957,568	*	135,041			
1300 ORNAMENTALS TURF	44	11.9	37,273	1,797,229	*	21,350			
1400 CORN	12	3.0	29,122	546,251	*	45,939			
1500 GRAIN SORGHUM	7	0.8	7,584	149,288	*	307			
1600 RICE	15	5.0	25,533	702,058	*	51,692			
1700 WHEAT	23	5.6	53,539	750,200	*	73,286			
1800 OTHER SMALL GRAINS	22	3.5	36,620	532,885	*	10,039			
1900 PASTURE	5	0.8	3,920	69,452	*	0			
2000 FORAGE CROPS	44	11.8	91,601	1,730,838	*	47,343			
2100 COTTON	42	12.9	73,470	1,597,628	*	46,760			
2300 SOYBEANS	10	2.2	17,696	273,577	*	11,962			
2400 PEANUTS	1	0.1	0	7,569	*	0			
2500 OTHER OILSEED CROPS	16	7.4	31,983	996,151	*	69,393			
2700 SUGAR CROPS	9	1.4	9,784	281,264	*	5,253			
2800 MISC NEW CROPS	6	0.7	8,238	85,266	*	2,655			
2900 POULTRY	45	12.8	141,835	1,492,953	*	3,397			
3000 BEEF CATTLE	67	13.5	228,898	2,385,699	*	200,239			
3100 DAIRY CATTLE	58	10.3	178,085	1,497,267	*	239,333			
3200 SWINE	5	0.9	8,100	95,642	*	210			
3300 SHEEP AND WOOL	26	4.8	56,847	592,279	*	12,922			
3400 OTHER ANIMALS	26	5.6	51,553	936,309	*	5,646			
3500 BEES AND HONEY	11	5.2	26,104	580,517	*	9,177			
3600 FARM SUPP & FACILITS	3	0.7	0	65,578	*	0			
3700 CLOTHING & TEXTILES	10	2.8	23,688	205,588	*	0			
3800 FOOD	53	16.3	149,714	2,624,277	*	585,391			
3900 HOUSING & EQUIP	11	2.4	9,682	444,801	*	3,597			
4000 PEOPLE AS INDIVIDUAL	77	22.8	188,379	2,939,975	*	63,993			
4100 FAMILY MEMBERS	5	0.7	10,000	57,314	*	0			
4200 FARM AS BUSINESS	8	1.4	17,067	131,352	*	4,534			
4300 SOC POLITY ORGANIZ	17	3.9	26,673	357,962	*	0			
4400 AGRIC ECONOMY U S	11	2.3	11,185	158,291	*	11,595			
4500 AGRIC ECONOMY FORGN	7	1.6	31,223	211,959	*	420			
4600 FARM COOPERATIVES	2	0.3	2,500	24,291	*	4,415			
4700 OTH MARKET PROCESS	2	0.1	1,913	8,278	*	0			
4800 MARKETING SYSTEMS	8	1.1	7,564	85,470	*	13,528			
6100 WEEDS	5	1.6	19,468	267,850	*	82,335			
6200 SEED RESEARCH	2	0.3	0	63,053	*	0			
6300 BIO CELL SYSTEMS	36	13.0	32,521	1,830,697	*	71,586			
6400 EXP DESIGN/STAT METH	9	5.0	8,300	358,584	*	81,642			
6500 INVERTEBRATES	81	36.8	200,806	4,534,620	*	58,094			
6600 MICROORGANISMS, VIRUS	38	15.0	87,279	1,841,950	*	49,336			
6700 PLANTS	143	43.7	280,467	6,431,691	*	336,730			
6800 ANIMALS (VERTEBRATES)	61	21.8	98,060	2,669,820	*	53,340			
6900 RESEARCH ON ESRCH EGM	4	1.9	15,186	124,533	*	0			
7000 RSCH EQUIP & TECHNOL	10	3.3	4,498	299,626	*	0			
9900 UNCLASSIFIED	2	0.9	1,000	77,940	*	0			
TOTAL	1790	548.0	3,971,547	75,084,653	*	3,466,143			

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - COLORADO FT COLLINS SAES

CLASSIFICATION CATEGORY	NO OF PBOJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	33	11.3	108,770	1,149,924	*	215,400
0200 WATER	82	13.8	131,155	1,803,534	*	183,173
0300 WATERSHEDS RIVER EAS	6	2.8	17,103	363,525	*	24,402
0400 AIR AND CLIMATE	8	1.6	0	321,996	*	4,043
0500 RECREATION RESOURCES	2	0.5	0	19,903	*	0
0600 TIMBER FOREST PRODUCT	12	2.4	41,114	453,824	*	33,879
0700 RANGE	9	5.4	65,223	744,324	*	44,908
0800 WILDLIFE AND FISH	5	0.7	0	103,108	*	0
1000 FRUIT NUTS DECIDUCUS	10	3.9	106,252	439,384	*	23,409
1100 POTATOES	10	6.4	55,273	490,396	*	1,123
1200 VEGETABLES	12	4.5	89,436	371,022	*	1,467
1300 ORNAMENTALS TURF	6	2.5	11,848	259,715	*	7,715
1400 CORN	7	1.7	18,060	100,646	*	9,050
1500 GRAIN SORGHUM	3	0.7	13,090	46,262	*	3,667
1600 RICE	1	0.1	0	2,262	*	0
1700 WHEAT	13	3.5	5,311	476,089	*	9,718
1800 OTHER SMALL GRAINS	10	2.3	37,181	268,960	*	55,057
2000 FORAGE CROPS	13	3.4	56,710	542,894	*	82,326
2200 COTTONSEED	1	0.0	385	6,709	*	0
2300 SOYBEANS	4	0.2	13,165	157,352	*	91,482
2400 PEANUTS	1	0.0	385	6,709	*	0
2500 OTHER OILSEED CROPS	2	0.1	385	18,064	*	11,356
2700 SUGAR CROPS	7	2.1	18,276	131,783	*	7,566
2800 MISC NEW CROPS	2	1.6	0	74,690	*	0
2900 POULTRY	4	1.1	86,722	128,518	*	0
3000 BEEF CATTLE	26	17.0	611,043	2,952,784	*	295,975
3100 DAIRY CATTLE	11	1.9	40,317	296,079	*	24,744
3200 SWINE	6	0.6	29,582	193,411	*	45,208
3300 SHEEP AND WOOL	10	2.4	60,352	428,718	*	15,316
3400 OTHER ANIMALS	4	0.1	8,208	28,294	*	0
3600 FARM SUPP & FACILITS	2	0.1	2,698	5,623	*	39
3700 CLOTHING & TEXTILES	1	0.1	4,827	10,308	*	0
3800 FOOD	6	1.6	36,578	145,731	*	0
3900 HOUSING & EQUIP	3	0.9	0	154,309	*	73,614
4000 PEOPLE AS INDIVIDUAL	7	0.5	11,045	43,495	*	757
4100 FAMILY MEMBERS	4	0.4	14,219	29,333	*	252
4200 FARM AS BUSINESS	4	0.3	17,013	39,381	*	69
4300 SOC POLIT ORGANIZ	15	2.7	36,393	456,711	*	126
4400 AGRIC ECONOMY U S	2	1.8	2,876	194,991	*	14,672
6100 WEEDS	1	0.2	7,236	29,243	*	5,615
6200 SEED RESEARCH	2	1.0	2,894	71,592	*	9,611
6700 PLANTS	11	2.4	37,398	229,346	*	21,159
6800 ANIMALS (VERTEBRATES)	6	25.7	48,426	3,108,766	*	42,353
6900 RESEARCH ON RSCH MGM	3	0.4	0	60,838	*	0
7000 RSCH EQUIP & TECHNCL	5	1.4	11,055	212,840	*	24,445
9900 UNCLASSIFIED	1	0.0	83,388	83,388	*	0
TOTAL	353	133.6	1,941,389	17,256,767	*	1,383,694

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - CONNECTICUT NEW HAVEN SAES

CLASSIFICATION CATEGORY	NO OF PBOJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	3	0.8	2,142	52,635	*	325
0200 WATER	4	2.9	31,490	212,796	*	325
0300 WATERSHEDS RIVER EAS	1	0.2	7,519	14,829	*	0
0600 TIMBER FOREST PRODUCT	11	8.1	106,573	468,003	*	0
1000 FRUIT NUTS DECIDUCUS	8	3.3	31,159	188,092	*	487
1100 POTATOES	3	1.3	26,411	78,324	*	0
1200 VEGETABLES	7	1.9	23,182	112,405	*	0
1300 ORNAMENTALS TURF	10	2.9	20,055	161,530	*	1,949
1400 CORN	5	1.1	8,445	75,211	*	0
1800 OTHER SMALL GRAINS	1	0.1	817	7,542	*	0
2000 FORAGE CROPS	1	0.0	0	1,038	*	0
2300 SOYBEANS	5	3.1	121,806	228,026	*	0
2600 TOBACCO	8	4.4	74,864	271,277	*	162
2800 MISC NEW CROPS	1	0.1	1,509	6,897	*	0
3100 DAIRY CATTLE	1	0.3	1,215	27,615	*	0
3400 OTHER ANIMALS	2	0.8	4,480	47,520	*	0
3700 CLOTHING & TEXTILES	1	0.2	0	13,493	*	0
3800 FOOD	2	0.8	15,463	57,278	*	0
4000 PEOPLE AS INDIVIDUAL	4	2.0	59,933	119,680	*	0
6300 BIO CELL SYSTEMS	2	0.6	6,115	37,573	*	0
6700 PLANTS	2	1.6	4,078	97,212	*	0
9900 UNCLASSIFIED	2	0.0	73,899	73,899	*	0
TOTAL	84	36.5	620,754	2,352,475	*	3,249

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - CONNECTICUT				STORRS			SAES	
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980		
0100 SOIL AND LAND	3	0.7	16,073	43,213	*	0		
0200 WATER	3	0.2	2,930	8,098	*	0		
0400 AIR AND CLIMATE	3	0.1	6,376	16,237	*	0		
0500 RECREATION RESOURCES	3	0.5	6,071	30,306	*	0		
0600 TIMBER FOREST PRODUCT	5	0.6	28,854	48,344	*	0		
1000 FRUIT NUTS DECIDUCUS	2	0.3	11,998	20,522	*	0		
1100 POTATOES	4	0.3	12,609	35,101	*	0		
1200 VEGETABLES	6	1.2	52,288	103,473	*	0		
1300 ORNAMENTAL TURF	3	1.3	28,552	80,556	*	0		
1400 CORN	4	0.6	18,703	63,664	*	0		
2000 FORAGE CROPS	5	1.0	37,332	110,443	*	0		
2600 TOBACCO	1	0.1	1,600	6,499	*	0		
2900 POULTRY	12	4.2	115,263	320,245	*	6,071		
3000 BEEF CATTLE	4	1.2	20,021	135,948	*	0		
3100 DAIRY CATTLE	10	2.5	63,162	254,475	*	9,748		
3200 SWINE	1	0.1	1,600	6,499	*	0		
3300 SHEEP AND WOOL	4	1.6	18,313	150,114	*	0		
3400 OTHER ANIMALS	9	3.4	80,865	253,091	*	0		
3500 BEES AND HONEY	1	0.3	11,998	11,998	*	0		
3600 FARM SUPP & FACILITIS	1	0.0	2,764	5,603	*	0		
3800 FOOD	2	0.3	14,550	29,734	*	0		
3900 HOUSING & EQUIP	2	0.2	4,265	13,184	*	0		
4000 PEOPLE AS INDIVIDUAL	11	2.8	64,002	170,517	*	0		
4100 FAMILY MEMBERS	1	0.2	1,321	1,321	*	0		
4300 SOC POLIT ORGANIZ	4	2.4	40,985	92,359	*	0		
4400 AGRIC ECONOMY U S	1	0.1	1,600	6,499	*	0		
6700 PLANTS	2	0.0	0	17,882	*	3,674		
6800 ANIMALS (VERTEBRATES)	2	0.6	4,125	37,381	*	0		
7000 RSCH EQUIP & TECHNOL	2	0.9	23,294	77,963	*	0		
9900 UNCLASSIFIED	1	0.0	52,737	148,763	*	0		
TOTAL	112	27.8	744,248	2,299,892	*	19,493		

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - DIST OF COLUM				WASHINGTON			SAES	
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980		
0100 SOIL AND LAND	1	0.0	25,034	25,034	*	0		
0500 RECREATION RESOURCES	1	0.0	12,554	12,554	*	0		
1200 VEGETABLES	1	0.0	25,034	25,034	*	0		
4000 PEOPLE AS INDIVIDUAL	1	0.0	283	283	*	0		
9900 UNCLASSIFIED	1	0.0	7,907	7,907	*	0		
TOTAL	5	0.0	70,812	70,812	*	0		

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - DELAWARE				NEWARK			SAES	
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980		
0100 SOIL AND LAND	4	1.0	49,200	94,926	*	0		
0200 WATER	7	1.1	45,523	105,417	*	0		
0300 WATERSHEDS RIVER EAS	3	0.2	0	63,852	*	0		
0500 RECREATION RESOURCES	1	0.1	9,924	9,924	*	0		
0600 TIMBER FOREST PRODUCT	4	1.0	35,756	91,853	*	0		
0800 WILDLIFE AND FISH	2	0.7	24,347	58,032	*	0		
1000 FRUIT NUTS DECIDUCUS	1	0.1	5,027	5,714	*	0		
1100 POTATOES	4	0.2	5,523	20,942	*	1,612		
1200 VEGETABLES	11	2.7	101,355	216,535	*	0		
1300 ORNAMENTAL TURF	3	0.1	12,334	58,446	*	0		
1400 CORN	14	3.7	121,794	292,505	*	0		
1500 GRAIN SORGHUM	1	0.1	3,227	4,445	*	0		
1700 WHEAT	2	0.1	3,724	5,923	*	0		
2300 SOYBEANS	7	1.7	43,232	166,508	*	0		
2900 POULTRY	16	8.1	204,589	906,323	*	60,069		
3000 BEEF CATTLE	2	0.0	497	38,353	*	0		
3100 DAIRY CATTLE	5	1.5	112,327	319,988	*	0		
3200 SWINE	3	0.5	7,511	112,441	*	0		
3400 OTHER ANIMALS	2	0.4	13,760	24,183	*	0		
3500 BEES AND HONEY	1	0.4	17,139	33,040	*	0		
3600 FARM SUPP & FACILITIS	2	0.2	17,566	75,474	*	0		
3800 FOOD	1	0.1	10,655	18,063	*	0		
4000 PEOPLE AS INDIVIDUAL	5	1.3	25,874	82,770	*	0		
4100 FAMILY MEMBERS	1	0.1	7,603	7,603	*	0		
4300 SOC POLIT ORGANIZ	3	0.8	53,659	60,615	*	0		
4400 AGRIC ECONOMY U S	3	0.1	4,381	22,116	*	0		
6700 PLANTS	7	1.6	16,499	126,203	*	14,181		
6800 ANIMALS (VERTEBRATES)	1	0.1	1,904	4,407	*	0		
7000 RSCH EQUIP & TECHNOL	1	0.0	0	2,874	*	0		
TOTAL	117	27.8	954,926	3,029,473	*	75,862		

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHERED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	GAINESVILLE		SADS
					USDA SYS 1980	CEN/GT/CA WITH SADS AMOUNT 1980	
0100 SOIL AND LAND	52	19.3	66,103	1,928,266	*	16,253	
0200 WATER	40	12.5	51,527	1,245,033	*	5,852	
0300 WATERSHEDS RIVER EAS	5	2.1	4,612	233,924	*	9,396	
0400 AIR AND CLIMATE	2	1.2	8,721	71,585	*	0	
0500 RECREATION RESOURCES	1	0.1	0	9,785	*	0	
0600 TIMBER FOREST PRODUCT	29	16.8	271,991	1,817,225	*	173,998	
0700 RANGE	3	1.5	4,475	166,545	*	21,925	
0800 WILDLIFE AND FISH	19	9.2	35,336	1,276,756	*	61,450	
0900 CITRUS SUB TROP FRUIT	83	48.4	168,531	5,151,487	*	261,619	
1000 FRUIT NUTS DECIDUCOUS	56	14.9	63,192	1,570,322	*	32	
1100 POTATOES	10	2.3	5,472	201,551	*	0	
1200 VEGETABLES	128	50.4	162,510	4,789,195	*	75,275	
1300 ORNAMENTALS TURF	59	30.3	144,205	2,784,891	*	10,037	
1400 CORN	38	6.1	42,941	648,375	*	352	
1500 GRAIN SORGHUM	17	1.7	3,638	184,981	*	352	
1600 RICE	1	0.0	155	5,702	*	0	
1700 WHEAT	12	1.0	3,948	91,206	*	101	
1800 OTHER SMALL GRAINS	11	1.0	961	80,141	*	0	
1900 PASTURE	19	4.4	20,412	478,644	*	1,078	
2000 FORAGE CROPS	60	19.6	179,013	2,088,607	*	107,399	
2100 COTTON	1	0.1	1,268	9,630	*	0	
2300 SOYBEANS	45	10.0	66,974	1,019,148	*	32,873	
2400 PEANUTS	22	5.1	37,767	480,272	*	0	
2500 OTHER OILSEED CROPS	1	0.0	382	1,015	*	101	
2600 TOBACCO	12	1.9	3,298	188,814	*	0	
2700 SUGAR CROPS	6	1.5	2,895	234,489	*	0	
2800 MISC NEW CROPS	4	0.2	8,699	39,606	*	0	
2900 POULTRY	21	6.6	72,142	716,673	*	3,381	
3000 BEEF CATTLE	69	24.7	137,011	3,453,886	*	113,570	
3100 DAIRY CATTLE	40	13.2	196,643	1,987,132	*	12,690	
3200 SWINE	17	3.9	38,134	812,902	*	1,686	
3300 SHEEP AND WOOL	5	1.1	12,821	148,991	*	1,569	
3400 OTHER ANIMALS	21	5.7	44,695	735,958	*	16,346	
3500 BEES AND HONEY	1	1.5	9,711	42,863	*	0	
3600 FARM SUPP & FACILITS	1	0.0	0	1,964	*	0	
3800 FOOD	14	3.7	37,237	631,914	*	5,484	
3900 HOUSING & EQUIP	6	2.6	14,225	240,290	*	0	
4000 PEOPLE AS INDIVIDUAL	11	8.3	23,633	1,053,933	*	0	
4100 FAMILY MEMBERS	7	1.5	15,636	109,308	*	0	
4200 FARM AS BUSINESS	5	3.6	3,058	205,934	*	0	
4300 SOC POLIT ORGANIZ	4	1.4	886	172,536	*	393	
4400 AGRIC ECONOMY U S	4	3.8	6,115	261,090	*	9,891	
4600 FARM COOPERATIVES	1	0.0	0	639	*	0	
4700 OTH MARKET PROCESS	1	0.0	0	799	*	0	
4800 MARKETING SYSTEMS	1	0.4	2,631	27,193	*	1,579	
6100 WEEDS	7	2.2	9,558	189,071	*	0	
6300 BIO CELL SYSTEMS	3	0.4	852	37,403	*	0	
6400 EXP DESIGN/STAT METH	1	3.0	7,329	371,432	*	10,546	
6500 INVERTEBRATES	8	4.6	50,013	503,039	*	31,519	
6600 MICROORGANISMS, VIRUS	14	4.3	109,417	460,910	*	0	
6700 PLANTS	25	12.8	62,560	1,425,880	*	107,479	
6800 ANIMALS(VERTEBRATES)	10	1.0	7,812	193,714	*	0	
7000 RSCH EQUIP & TECHNOL	5	0.7	502	133,378	*	0	
9900 UNCLASSIFIED	1	0.0	12,976	12,976	*	0	
TOTAL	1039	372.8	2,234,621	40,725,004	*	1,094,223	

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	GEORGIA		ATLANTA		SAES	
					1980	1980	SIS 1980	AMOUNT 1980	SIS 1980	AMOUNT 1980
0100 SOIL AND LAND	19	6.1	127,206	669,863	*	12,946				
0200 WATER	9	1.2	13,893	124,266	*	4,277				
0300 WATERSHEDS RIVER BAS	2	1.2	3,349	191,119	*	689				
0400 AIR AND CLIMATE	1	0.3	1,670	23,289	*	1,646				
0600 TIMBER FOREST PRODUCT	27	13.5	364,173	1,464,981	*	236,370				
0700 RANGE	1	0.0	0	1,245	*	0				
0800 WILDLIFE AND FISH	6	4.4	108,723	492,697	*	0				
1000 FRUIT NUTS DECIDUCUS	44	15.8	319,085	1,755,493	*	51,793				
1100 POTATOES	1	0.1	1,990	6,707	*	0				
1200 VEGETABLES	53	16.4	313,661	1,963,395	*	93,166				
1300 ORNAMENTALS TURF	19	8.0	120,304	669,132	*	7,394				
1400 CORN	32	6.2	168,908	897,866	*	13,134				
1500 GRAIN SORGHUM	12	2.4	67,995	263,165	*	1,666				
1700 WHEAT	15	2.8	72,709	267,128	*	1,417				
1800 OTHER SMALL GRAINS	10	2.9	57,077	243,486	*	3,305				
1900 PASTURE	7	1.0	7,888	140,428	*	2,666				
2000 FORAGE CROPS	32	8.9	249,884	1,112,581	*	13,387				
2100 COTTON	12	2.0	20,407	484,811	*	5,856				
2200 COTTONSEED	3	0.5	3,472	28,905	*	0				
2300 SOYBEANS	41	8.2	232,481	1,158,166	*	53,745				
2400 PEANUTS	30	6.9	69,516	894,501	*	3,240				
2500 OTHER OILSEED CROPS	1	0.1	935	6,210	*	0				
2600 TOBACCO	7	1.9	6,711	241,320	*	12,446				
2700 SUGAR CROPS	1	0.0	1,281	4,165	*	0				
2800 MISC NEW CROPS	3	0.0	11,456	18,765	*	3,124				
2900 POULTRY	49	9.4	220,646	1,694,107	*	20,518				
3000 BEEF CATTLE	32	9.6	265,073	2,655,805	*	4,407				
3100 DAIRY CATTLE	27	7.1	186,729	1,872,588	*	0				
3200 SWINE	17	4.6	81,108	852,739	*	1,595				
3300 SHEEP AND WOOL	1	0.3	14,256	30,141	*	0				
3500 BEES AND HONEY	2	0.2	659	21,916	*	16,197				
3600 FARM SUPP & FACILITS	3	0.6	1,063	102,564	*	0				
3800 FOOD	16	7.3	176,641	702,754	*	8,274				
3900 HOUSING & EQUIP	10	1.9	21,539	146,566	*	0				
4000 PEOPLE AS INDIVIDUAL	9	1.9	18,791	130,624	*	0				
4100 FAMILY MEMBERS	5	0.7	1,517	27,726	*	0				
4200 FARM AS BUSINESS	7	1.7	18,659	157,989	*	0				
4300 SOC POLIT ORGANIZ	4	0.6	25,854	54,725	*	0				
4400 AGRIC ECONOMY U S	3	0.9	6,260	84,682	*	17,318				
4600 FARM COOPERATIVES	1	0.1	1,770	22,123	*	0				
6100 WEEDS	1	0.0	0	16,214	*	3,511				
6300 BIO CELL SYSTEMS	1	0.6	296	64,862	*	17,100				
6400 EXP DESIGN/STAT METH	2	0.3	1,733	14,240	*	0				
6500 INVERTEBRATES	1	0.0	138	60,956	*	25,687				
6600 MICROORGANISMS, VIRUS	5	0.5	26,437	57,771	*	0				
6700 PLANTS	24	6.2	106,179	919,258	*	53,603				
6800 ANIMALS (VERTEBRATES)	2	0.0	0	8,245	*	0				
6900 RESEARCH ON RSCH EGM	1	0.1	490	14,772	*	0				
7000 RSCH EQUIP & TECHNOL	3	0.5	7,138	41,510	*	0				
9900 UNCLASSIFIED	1	1.0	0	38,279	*	38,279				
TOTAL	615	167.0	3,527,749	22,912,837	*	724,755				

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	GUAM		AGANA		SAES	
					1980	1980	SIS 1980	AMOUNT 1980	SIS 1980	AMOUNT 1980
0100 SOIL AND LAND	1	1.0	62,847	120,332	*	0				
0600 TIMBER FOREST PRODUCT	1	0.4	17,668	17,668	*	0				
0800 WILDLIFE AND FISH	1	0.8	29,042	55,858	*	0				
0900 CITRUS SUB TROP FRUT	7	1.3	76,575	131,265	*	0				
1000 FRUIT NUTS DECIDUCUS	2	0.0	4,531	8,181	*	0				
1200 VEGETABLES	9	3.2	150,046	240,860	*	3,013				
1300 ORNAMENTALS TURF	3	1.5	65,104	120,224	*	0				
2800 MISC NEW CROPS	3	0.1	10,040	19,068	*	0				
3200 SWINE	1	0.1	20,219	33,906	*	0				
4300 SOC POLIT ORGANIZ	1	0.2	3,233	3,530	*	0				
6700 PLANTS	1	0.1	0	1,346	*	1,346				
9900 UNCLASSIFIED	1	0.0	3,226	3,226	*	0				
TOTAL	31	8.7	442,530	755,464	*	4,359				

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - HAWAII HONOLULU SABS

CLASSIFICATION CATEGORY	NO OF PBOJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SVS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	16	5.0	58,106	328,566	*	0
0200 WATER	9	1.8	42,704	173,087	*	2,043
0300 WATERSHEDS RIVER BAS	2	0.1	2,116	8,943	*	0
0400 AIR AND CLIMATE	1	0.3	4,087	12,054	*	0
0600 TIMBER FOREST PRODUCT	9	1.1	37,251	135,527	*	8,189
0700 RANGE	5	0.7	12,293	55,577	*	36
0800 WILDLIFE AND FISH	10	3.1	5,333	289,859	*	0
0900 CITRUS SUB TROP FRUIT	50	16.7	190,242	1,294,472	*	36
1000 FRUIT NUTS DECIDUCUS	19	3.5	48,161	383,109	*	0
1100 POTATOES	2	0.3	902	21,845	*	0
1200 VEGETABLES	48	13.4	119,803	1,316,427	*	26,401
1300 ORNAMENTALS TURF	29	11.2	123,360	871,875	*	143
1400 CORN	10	3.4	35,658	384,961	*	0
1600 RICE	1	0.0	0	15,614	*	0
1900 PASTURE	2	0.9	5,566	77,692	*	0
2000 FORAGE CROPS	10	1.8	13,644	180,641	*	0
2300 SOYBEANS	4	0.4	511	29,334	*	0
2400 PEANUTS	2	0.2	0	7,200	*	0
2500 OTHER OILSEED CROPS	2	0.1	0	18,170	*	0
2700 SUGAR CROPS	11	2.2	25,372	136,646	*	0
2800 MISC NEW CROPS	6	1.1	15,779	154,030	*	0
2900 POULTRY	4	2.8	24,079	202,015	*	0
3000 BEEF CATTLE	14	3.4	37,649	381,634	*	0
3100 DAIRY CATTLE	9	1.4	37,272	289,494	*	16,893
3200 SWINE	5	0.7	3,507	76,870	*	3,197
3400 OTHER ANIMALS	2	0.2	0	11,417	*	0
3600 FARM SUPP & FACILITS	2	0.5	0	49,655	*	0
3700 CLOTHING & TEXTILES	2	0.3	0	9,008	*	0
3800 FOOD	9	4.1	24,890	270,714	*	0
3900 HOUSING & EQUIP	6	1.4	27,495	139,078	*	6,227
4000 PEOPLE AS INDIVIDUAL	8	2.1	17,655	84,050	*	0
4100 FAMILY MEMBERS	4	1.2	18,423	40,934	*	0
4200 FARM AS BUSINESS	1	0.2	4,013	9,128	*	0
4300 SOC POLIT ORGANIZ	1	0.0	0	1,010	*	0
4400 AGRIC ECONOMY U S	2	1.1	9,363	38,316	*	0
4500 AGRIC ECONOMY FORGN	1	0.6	0	44,484	*	0
4800 MARKETING SYSTEMS	1	0.7	7,038	25,508	*	0
6100 WEEDS	1	0.1	2,723	8,781	*	0
6200 SEED RESEARCH	1	0.0	0	517	*	0
6300 BIO CELL SYSTEMS	2	0.3	4,191	101,713	*	57,012
6500 INVERTEBRATES	5	0.9	0	111,492	*	38,008
6600 MICROORGANISMS, VIRUS	5	0.5	0	38,153	*	8,475
6700 PLANTS	9	1.2	8,061	142,306	*	2,599
6800 ANIMALS (VERTEBRATES)	2	0.0	0	4,716	*	196
6900 RESEARCH ON BSCN BGM	1	0.2	0	14,828	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	18,684	*	10,047
9900 UNCLASSIFIED	2	2.8	0	36,565	*	0
TOTAL	348	94.0	967,245	7,962,694	*	175,501

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - IDAHO MOSCOW SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG PFD APPR/ CR ADMSRD (GROSS)	IDAHO 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	SABS AMOUNT 1980
0100 SOIL AND LAND	16	4.5	80,295	585,257	*	49,065	
0200 WATER	7	3.6	46,298	308,552	*	13,143	
0300 WATERSHEDS RIVER BAS	3	0.5	11,983	48,101	*	4,432	
0400 AIR AND CLIMATE	1	0.4	8,255	48,668	*	0	
0500 RECREATION RESOURCES	1	0.4	1,767	32,820	*	0	
0600 TIMBER FOREST PRODUCT	3	0.1	1,856	17,321	*	10,168	
0700 RANGE	5	1.5	24,975	119,347	*	195	
0800 WILDLIFE AND FISH	2	0.0	8,736	8,774	*	0	
1000 FRUIT NUTS DECIDUCUS	8	1.0	10,247	86,886	*	5,466	
1100 POTATOES	25	6.2	87,800	973,287	*	9,822	
1200 VEGETABLES	30	6.8	213,399	1,034,818	*	15,828	
1300 ORNAMENTALS TURF	2	0.5	1,343	32,035	*	0	
1400 CORN	3	0.1	3,818	13,146	*	0	
1500 GRAIN SORGHUM	2	0.2	4,331	30,379	*	0	
1600 RICE	2	0.0	0	5,466	*	5,466	
1700 WHEAT	15	4.9	48,905	656,696	*	75,236	
1800 OTHER SMALL GRAINS	9	1.7	28,661	271,539	*	7,646	
2000 FORAGE CROPS	10	1.1	16,757	137,007	*	8,686	
2100 COTTON	2	0.0	0	7,646	*	7,646	
2300 SOYBEANS	1	0.1	1,259	17,169	*	0	
2500 OTHER OILSEED CROPS	1	0.5	7,551	103,015	*	0	
2700 SUGAR CROPS	7	0.5	9,186	132,748	*	7,646	
2800 MISC NEW CROPS	4	1.7	2,517	145,959	*	0	
2900 POULTRY	3	0.7	3,213	61,567	*	0	
3000 BEEF CATTLE	14	6.8	315,699	1,199,114	*	41,056	
3100 DAIRY CATTLE	6	2.3	120,841	328,267	*	0	
3200 SWINE	1	0.6	11,244	42,367	*	0	
3300 SHEEP AND WOOL	8	2.3	109,488	337,641	*	0	
3400 OTHER ANIMALS	1	0.1	1,951	8,479	*	0	
3500 BEES AND HONEY	2	2.3	10,455	127,151	*	0	
3600 FARM SUPP & FACILITS	2	0.1	2,486	11,657	*	0	
3800 FOOD	3	1.1	17,829	74,131	*	10,168	
3900 HOUSING & EQUIP	2	0.6	8,953	40,100	*	0	
4000 PEOPLE AS INDIVIDUAL	2	0.1	0	22,839	*	0	
4100 FAMILY MEMBERS	1	0.0	0	1	*	0	
4200 FARM AS BUSINESS	3	0.8	16,528	113,215	*	0	
4300 SOC POLITY ORGANIZ	5	1.4	30,436	100,986	*	0	
4400 AGRIC ECONOMY U S	3	0.8	24,737	172,648	*	0	
4800 MARKETING SYSTEMS	1	0.9	10,582	83,619	*	0	
6100 WEEDS	3	0.2	3,916	17,886	*	0	
6200 SEED RESEARCH	4	0.7	10,326	76,789	*	0	
6400 EXP DESIGN/STAT METH	2	0.6	23,457	81,151	*	0	
6500 INVERTEBRATES	3	0.5	10,427	46,563	*	0	
6600 MICROORGANISMS, VIRUS	2	0.4	7,624	27,567	*	0	
6700 PLANTS	10	3.8	66,349	378,446	*	7,478	
6800 ANIMALS (VERTEBRATES)	3	0.2	377	19,431	*	563	
6900 RESEARCH ON RSCH EGM	1	0.8	7,833	49,462	*	0	
7000 RSCH EQUIP & TECHNOL	2	1.2	22,870	82,237	*	0	
9900 UNCLASSIFIED	1	0.0	16,365	16,365	*	0	
TOTAL	247	65.4	1,473,927	8,328,276	*	283,708	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ILLINOIS URBANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COW/GT/CA SYN 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	31	12.7	172,875	1,252,901	*	47,233
0200 WATER	10	1.9	43,983	218,891	*	21,867
0300 WATERSHEDS RIVER BAS	2	0.2	14,615	34,324	*	0
0400 AIR AND CLIMATE	1	0.0	6,866	12,510	*	0
0500 RECREATION RESOURCES	2	0.5	5,073	26,717	*	11,878
0600 TIMBER FOREST PRODUCT	22	4.1	178,325	425,109	*	16,690
1000 FRUIT NUTS DECIDUCUS	12	5.0	57,980	561,329	*	0
1200 VEGETABLES	15	5.8	157,898	585,367	*	0
1300 ORNAMENTALS TURF	9	4.3	36,825	289,631	*	0
1400 CORN	50	13.3	363,370	1,649,618	*	195,782
1500 GRAIN SORGHUM	4	0.3	19,039	68,703	*	12,520
1600 RICE	2	0.1	3,372	15,713	*	5,053
1700 WHEAT	11	1.3	23,165	132,304	*	8,949
1800 OTHER SMALL GRAINS	9	1.4	29,130	175,583	*	5,842
2000 FORAGE CROPS	13	3.7	91,512	491,055	*	16,017
2100 COTTON	1	0.2	6,078	12,849	*	0
2200 COTTONSEED	1	0.0	1,429	2,575	*	0
2300 SOYBEANS	51	18.0	331,955	1,261,984	*	53,928
2400 PEANUTS	1	0.0	1,429	2,575	*	0
2500 OTHER OILSEED CROPS	2	0.3	12,769	48,914	*	20,000
2600 TOBACCO	1	0.5	6,147	47,717	*	0
2700 SUGAR CROPS	1	0.0	316	1,862	*	0
2800 MISC NEW CROPS	1	0.3	23,915	32,090	*	0
2900 POULTRY	6	2.9	78,556	420,873	*	58,599
3000 BEER CATTLE	23	6.3	205,226	965,352	*	12,476
3100 DAIRY CATTLE	33	9.9	351,808	1,448,440	*	0
3200 SWINE	25	7.7	236,812	1,395,835	*	13,746
3300 SHEEP AND WOOL	13	3.4	82,234	669,889	*	248
3400 OTHER ANIMALS	11	2.7	83,766	472,195	*	22,520
3500 BEES AND HONEY	1	0.9	16,342	68,521	*	0
3600 FARM SUPP & FACILITS	6	2.2	46,021	166,282	*	409
3700 CLOTHING & TEXTILES	3	1.0	32,077	70,709	*	0
3800 FOOD	14	4.4	154,124	580,332	*	3,700
3900 HOUSING & EQUIP	7	2.6	90,668	255,098	*	0
4000 PEOPLE AS INDIVIDUAL	10	2.7	79,568	234,639	*	953
4100 FAMILY MEMBERS	6	3.9	56,052	200,670	*	953
4200 FARM AS BUSINESS	5	3.6	149,018	395,350	*	5,323
4300 SOC POLIT ORGANIZ	4	4.9	60,560	238,068	*	0
4400 AGRIC ECONOMY U S	4	3.8	83,254	211,000	*	9,768
4700 OTH MARKET PROCESS	1	0.1	3,280	12,099	*	0
4800 MARKETING SYSTEMS	1	0.7	47,601	59,017	*	0
6200 SEED RESEARCH	1	0.1	4,077	10,520	*	0
6300 BIO CELL SYSTEMS	7	2.4	56,099	286,876	*	12,814
6400 EXP DESIGN/STAT METH	2	1.7	18,542	72,744	*	0
6500 INVEBTBRATES	2	1.0	13,658	49,413	*	0
6600 MICROORGANISMS, VIRUS	5	2.0	34,302	113,238	*	0
6700 PLANTS	13	3.5	67,414	271,453	*	20,080
6800 ANIMALS (VERTEBRATES)	9	2.4	96,122	183,361	*	1,201
9900 UNCLASSIFIED	1	0.0	88,029	88,029	*	0
TOTAL	465	150.7	3,823,268	16,249,924	*	578,544

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - INDIANA LAFAYETTE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG PED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	33	10.0	199,780	1,565,110	*	53,241
0200 WATER	18	4.6	59,250	629,751	*	5,425
0300 WATERSHEDS RIVER BAS	7	0.8	4,303	138,816	*	608
0400 AIR AND CLIMATE	4	1.4	36,871	166,391	*	0
0500 RECREATION RESOURCES	2	0.9	2,041	85,460	*	7,009
0600 TIMBER FOREST PRODUCT	26	10.5	170,932	1,285,245	*	50,053
0800 WILDLIFE AND FISH	8	2.5	34,463	280,025	*	5,992
1000 FRUIT NUTS DECIDUOUS	12	3.0	73,115	309,842	*	124
1100 POTATOES	5	1.4	30,054	183,026	*	0
1200 VEGETABLES	21	7.2	88,836	654,441	*	21,986
1300 ORNAMENTALS TURF	9	3.1	44,126	349,928	*	8,045
1400 CORN	58	15.5	257,020	1,677,178	*	106,242
1500 GRAIN SORGHUM	6	1.4	22,311	132,565	*	0
1700 WHEAT	22	5.0	89,241	470,696	*	23,337
1800 OTHER SMALL GRAINS	9	0.8	13,308	79,976	*	9,132
1900 PASTURE	2	0.4	7,780	59,355	*	0
2000 FORAGE CROPS	17	3.5	132,242	407,853	*	13,300
2300 SOYBEANS	44	9.6	146,431	1,015,133	*	95,983
2800 MISC NEW CROPS	3	0.4	5,700	31,507	*	1,880
2900 POULTRY	21	5.1	180,211	706,232	*	12,434
3000 BEEF CATTLE	39	7.0	149,199	1,878,768	*	13,548
3100 DAIRY CATTLE	31	7.6	195,960	1,189,739	*	7,270
3200 SWINE	55	12.2	270,292	1,996,708	*	199,816
3300 SHEEP AND WOOL	13	1.7	52,943	287,303	*	3,625
3400 OTHER ANIMALS	18	3.9	111,698	515,017	*	2,768
3600 FARM SUPP & FACILITS	6	2.1	41,271	271,398	*	2,865
3700 CLOTHING & TEXTILES	2	0.4	8,649	53,864	*	0
3800 FOOD	8	4.7	33,001	616,432	*	45,147
3900 HOUSING & EQUIP	7	1.8	14,423	198,003	*	14,696
4000 PEOPLE AS INDIVIDUAL	14	1.9	47,489	280,537	*	1,377
4100 FAMILY MEMBERS	8	0.5	23,907	115,792	*	476
4200 FARM AS BUSINESS	11	5.3	126,755	389,829	*	44,953
4300 SOC POLIT ORGANIZ	7	1.1	26,341	95,904	*	3,246
4400 AGRIC ECONOMY U S	8	1.2	22,619	127,585	*	15,950
4500 AGRIC ECONOMY FORGN	4	0.4	7,430	45,938	*	6,222
4600 FARM COOPERATIVES	3	1.5	2,584	89,168	*	40,541
4700 OTH MARKET PROCESS	2	1.4	1,757	77,607	*	38,134
4800 MARKETING SYSTEMS	9	2.6	25,782	185,516	*	52,953
6100 WEEDS	5	3.5	21,221	176,004	*	0
6200 SEED RESEARCH	2	0.6	5,838	45,410	*	0
6300 BIO CELL SYSTEMS	11	9.1	136,041	1,086,095	*	0
6400 EXP DESIGN/STAT METH	4	0.4	5,144	57,483	*	5,848
6500 INVERTEBRATES	10	3.9	85,441	280,306	*	0
6600 MICROORGANISMS, VIRUS	10	6.1	95,697	784,244	*	0
6700 PLANTS	27	7.2	121,698	1,261,447	*	8,896
6800 ANIMALS (VERTEBRATES)	22	11.1	196,893	1,086,637	*	11,492
6900 RESEARCH ON RSCH MGM	2	0.7	28,201	76,914	*	17,115
7000 RSCH EQUIP & TECHNOL	5	0.8	13,226	112,130	*	3,866
9900 UNCLASSIFIED	1	0.0	0	94,472	*	0
TOTAL	671	187.4	3,469,517	23,658,781	*	955,591

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - IOWA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST 1980	REG FED APPR/ CB ADESTD (GROSS)	TOTAL FUNDS (GROSS) 1980	AMES 1980	SABS 1980
0100 SOIL AND LAND	43	10.1	129,102	2,036,655	*	68,848
0200 WATER	22	2.6	72,207	510,794	*	33,223
0300 WATERSHEDS RIVER BAS	5	1.4	10,588	322,629	*	37,727
0400 AIR AND CLIMATE	7	2.2	47,481	113,741	*	0
0500 RECREATION RESOURCES	2	0.4	0	47,100	*	3
0600 TIMBER FOREST PRODUCT	11	3.6	126,394	370,475	*	14,295
0700 RANGE	2	0.0	0	2,097	*	0
0800 WILDLIFE AND FISH	28	1.7	0	811,884	*	685
1000 FRUIT NUTS DECIDUCOUS	10	1.8	13,601	137,970	*	216
1100 POTATOES	3	0.2	9,089	14,589	*	0
1200 VEGETABLES	11	1.4	35,479	101,576	*	216
1300 ORNAMENTALS TURF	10	3.5	39,608	299,500	*	6,004
1400 CORN	72	16.5	477,950	2,468,405	*	208,183
1500 GRAIN SORGHUM	5	0.5	18,581	104,928	*	6,004
1700 WHEAT	2	0.1	9,656	14,734	*	612
1800 OTHER SMALL GRAINS	11	3.4	113,752	558,291	*	37,908
1900 PASTURE	3	0.8	55,233	92,148	*	0
2000 FORAGE CROPS	18	3.3	168,236	427,545	*	34,950
2300 SOYBEANS	64	11.9	278,147	1,813,580	*	72,787
2400 PEANUTS	1	0.0	0	10,222	*	0
2500 OTHER OILSEED CROPS	1	0.0	0	3,187	*	0
2800 MISC NEW CROPS	3	0.4	59,281	78,259	*	18,013
2900 POULTRY	22	4.4	296,810	784,527	*	4,112
3000 BEEF CATTLE	45	10.7	443,628	2,350,734	*	68,186
3100 DAIRY CATTLE	28	6.0	271,674	1,427,957	*	84,894
3200 SWINE	50	11.8	712,866	2,824,556	*	49,757
3300 SHEEP AND WOOL	9	1.3	44,165	233,018	*	4,112
3400 OTHER ANIMALS	13	2.1	35,452	267,478	*	10,332
3600 FARM SUPP & FACILITS	9	1.2	38,618	166,706	*	14,787
3700 CLOTHING & TEXTILES	1	0.3	0	31,418	*	0
3800 FOOD	12	1.8	70,839	229,037	*	0
3900 HOUSING & EQUIP	10	1.3	25,316	124,359	*	14,630
4000 PEOPLE AS INDIVIDUAL	19	2.5	54,761	274,103	*	15,499
4100 FAMILY MEMBERS	12	1.9	31,661	175,594	*	756
4200 FARM AS BUSINESS	16	1.8	36,415	347,028	*	112,806
4300 SOC POLIT ORGANIZ	20	2.9	52,077	568,447	*	159,560
4400 AGRIC ECONOMY U S	10	1.1	86,656	342,105	*	103,882
4500 AGRIC ECONOMY FORGN	2	0.0	3,155	33,825	*	25,933
4600 FARM COOPERATIVES	4	0.3	17,170	45,120	*	13,970
4700 OTH MARKET PROCESS	4	0.5	24,039	68,336	*	12,519
6300 BIO CELL SYSTEMS	5	1.8	24,247	268,302	*	0
6400 EXP DESIGN/STAT METH	4	0.7	0	625,429	*	548,499
6500 INVERTEBRATES	4	1.8	14,367	116,279	*	2,857
6600 MICROORGANISMS, VIBUS	2	0.7	0	67,005	*	6,693
6700 PLANTS	7	0.7	11,117	65,686	*	18,643
6800 ANIMALS(VERTEBRATES)	10	2.8	91,514	388,033	*	0
6900 RESEARCH ON RSCH MGM	3	0.9	198	53,558	*	0
9900 UNCLASSIFIED	1	0.0	0	20,528	*	8,981
TOTAL	656	126.4	4,047,089	21,839,475	*	1,821,040

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADNSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	KANSAS	MANHATTAN	SAES
					1980	1980	1980
0100 SOIL AND LAND	16	4.3	34,101	363,017	*	5,089	
0200 WATER	32	7.1	29,331	1,009,672	*	199,364	
0300 WATERSHEDS RIVER BAS	1	0.0	0	6,605	*	0	
0400 AIR AND CLIMATE	4	1.7	26,891	166,706	*	0	
0500 RECREATION RESOURCES	1	0.0	0	162	*	0	
0600 TIMBER FOREST PRODUCT	20	2.9	89,326	249,687	*	0	
0700 RANGE	13	5.4	40,965	560,759	*	0	
0800 WILDLIFE AND FISH	7	2.0	19,130	76,809	*	0	
1000 FRUIT NUTS DECIDUCUS	10	3.2	27,971	300,837	*	43,403	
1100 POTATOES	8	0.9	19	110,784	*	0	
1200 VEGETABLES	14	2.3	15,360	179,524	*	0	
1300 ORNAMENTAL TURF	12	3.3	11,602	251,370	*	0	
1400 CORN	71	12.4	133,858	1,371,568	*	14,027	
1500 GRAIN SORGHUM	60	13.5	80,655	1,395,192	*	14,027	
1600 RICE	2	2.4	1,567	9,178	*	0	
1700 WHEAT	106	29.7	364,454	2,972,809	*	63,193	
1800 OTHER SMALL GRAINS	21	3.3	27,028	350,841	*	607	
1900 PASTURE	3	0.0	1,799	4,483	*	0	
2000 FORAGE CROPS	31	6.9	102,652	694,967	*	14,027	
2300 SOYBEANS	32	7.0	50,625	765,925	*	14,027	
2500 OTHER OILSEED CROPS	4	1.3	20,152	114,265	*	0	
2700 SUGAR CROPS	4	0.3	0	79,482	*	0	
2800 MISC NEW CROPS	1	0.1	1,758	2,057	*	0	
2900 POULTRY	18	4.7	183,983	406,473	*	0	
3000 BEEF CATTLE	81	24.9	563,631	4,369,431	*	56,053	
3100 DAIRY CATTLE	43	7.8	194,136	1,200,759	*	14,027	
3200 SWINE	25	4.9	96,684	821,466	*	14,027	
3300 SHEEP AND WOOL	12	1.4	35,069	216,004	*	0	
3400 OTHER ANIMALS	12	1.2	1,363	91,965	*	0	
3600 FARM SUPP & FACILITS	7	0.7	3,217	124,427	*	0	
3700 CLOTHING & TEXTILES	2	0.5	0	24,345	*	0	
3800 FOOD	3	0.2	5,668	16,468	*	462	
3900 HOUSING & EQUIP	4	0.6	17,193	89,537	*	6,239	
4000 PEOPLE AS INDIVIDUAL	16	5.2	75,216	278,691	*	10,658	
4100 FAMILY MEMBERS	8	2.2	60,658	156,281	*	0	
4200 FARM AS BUSINESS	3	0.5	0	41,487	*	0	
4300 SOC POLIT ORGANIZ	14	2.6	8,727	151,776	*	0	
4400 AGRIC ECONOMY U S	2	0.4	6,684	23,683	*	0	
4600 FARM COOPERATIVES	1	0.4	10,225	27,274	*	0	
4800 MARKETING SYSTEMS	1	0.9	0	32,424	*	0	
6300 BIO CELLS SYSTEMS	18	7.3	3,495	543,595	*	0	
6400 EXP DESIGN/STAT METH	3	0.2	0	31,209	*	0	
6500 INVERTEBRATES	2	0.5	14,885	19,323	*	0	
6600 MICROORGANISMS, VIRUS	3	0.8	0	32,910	*	0	
6700 PLANTS	20	7.9	65,754	482,667	*	37,591	
6800 ANIMALS(VERTEBRATES)	22	4.4	33,131	398,665	*	2,829	
6900 RESEARCH ON BSCHEGM	1	0.3	14,049	16,436	*	0	
7000 RSCH EQUIP & TECHNOL	5	1.3	0	65,921	*	0	
9900 UNCLASSIFIED	2	0.0	66,466	66,466	*	0	
TOTAL	801	191.5	2,539,475	20,766,379	*	510,448	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - KENTUCKY LEXINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	19	6.2	176,317	472,867	*	0
0200 WATER	9	1.3	62,429	190,001	*	0
0300 WATERSHEDS RIVER BAS	6	1.5	50,205	167,863	*	0
0500 RECREATION RESOURCES	2	0.0	2,645	3,328	*	0
0600 TIMBER FOREST PRODUCT	19	6.4	136,021	401,723	*	0
0700 RANGE	1	0.2	4,737	6,628	*	0
0800 WILDLIFE AND FISH	2	0.2	1,372	1,632	*	0
1000 FRUIT NUTS DECIDUCUS	6	4.2	58,872	283,735	*	0
1100 POTATOES	1	0.4	9,288	32,513	*	0
1200 VEGETABLES	10	5.3	114,369	397,175	*	0
1300 ORNAMENTALS TURF	7	4.0	71,275	271,410	*	0
1400 CORN	14	5.1	200,582	408,281	*	0
1500 GRAIN SORGHUM	2	0.4	12,842	17,757	*	0
1700 WHEAT	4	0.9	39,516	70,635	*	0
1800 OTHER SMALL GRAINS	2	0.8	50,582	141,830	*	0
1900 PASTURE	1	0.4	0	6,484	*	0
2000 FORAGE CROPS	20	10.3	263,881	1,239,106	*	16,606
2100 COTTON	1	0.3	6,248	26,929	*	0
2300 SOYBEANS	21	8.7	280,187	824,231	*	8,234
2600 TOBACCO	15	5.4	192,940	681,404	*	0
2800 MISC NEW CROPS	2	0.5	14,108	32,362	*	0
2900 POULTRY	4	1.2	42,603	178,018	*	0
3000 BEEF CATTLE	27	10.3	389,279	1,520,537	*	14,956
3100 DAIRY CATTLE	19	4.3	215,168	662,987	*	9,970
3200 SWINE	12	4.9	202,242	680,046	*	0
3300 SHEEP AND WOOL	10	2.1	93,330	302,180	*	0
3400 OTHER ANIMALS	15	13.5	187,068	883,743	*	0
3800 FOOD	6	4.0	165,844	290,188	*	0
3900 HOUSING & EQUIP	3	1.0	56,742	109,458	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.4	36,725	62,133	*	0
4100 FAMILY MEMBERS	4	1.6	26,596	68,574	*	0
4200 FARM AS BUSINESS	3	0.7	28,610	47,486	*	0
4300 SOC POLIT ORGANIZ	12	6.0	180,516	298,869	*	0
4400 AGRIC ECONOMY U S	1	0.7	23,652	30,368	*	0
4700 OTH MARKET PROCESS	2	0.4	22,563	30,211	*	0
4800 MARKETING SYSTEMS	3	0.6	17,989	31,913	*	0
6400 EXP DESIGN/STAT METH	1	0.2	581	7,286	*	0
6700 PLANTS	10	3.9	54,307	374,868	*	6,810
6800 ANIMALS (VERTEBRATES)	3	0.0	0	837	*	513
6900 RESEARCH ON RSCH HGM	2	0.8	17,576	28,570	*	0
7000 RSCH EQUIP & TECHNOL	2	0.9	13,478	56,969	*	0
9900 UNCLASSIFIED	1	0.0	1,343	1,343	*	0
TOTAL	310	120.8	3,524,626	11,339,438	*	57,089

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - LOUISIANA BATON ROUGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	26	8.2	88,263	720,500	*	0
0200 WATER	10	1.1	21,657	128,963	*	5,210
0300 WATERSHEDS RIVER BAS	1	0.1	104	4,530	*	0
0500 RECREATION RESOURCES	2	0.2	1,233	11,810	*	3,267
0600 TIMBER FOREST PRODUCT	34	8.7	214,736	794,508	*	13,651
0700 RANGE	2	0.3	0	34,967	*	11,481
0800 WILDLIFE AND FISH	28	8.7	3,454	959,698	*	0
0900 CITRUS SUB TROP FFUT	10	1.4	2,356	208,618	*	0
1000 FRUIT NUTS DECIDUCUS	27	6.6	8,606	657,111	*	0
1100 POTATOES	4	0.8	19,646	68,508	*	0
1200 VEGETABLES	43	15.7	141,915	1,308,917	*	44,890
1300 ORNAMENTALS TURF	16	6.4	8,056	483,172	*	0
1400 CORN	21	3.0	19,694	256,409	*	0
1500 GRAIN SORGHUM	12	2.2	8,244	197,397	*	0
1600 RICE	37	12.9	88,838	1,166,955	*	0
1700 WHEAT	9	1.2	2,780	134,252	*	0
1800 OTHER SMALL GRAINS	7	0.6	12,944	55,649	*	0
1900 PASTURE	26	5.3	27,017	601,160	*	0
2000 FORAGE CROPS	46	10.2	99,629	1,175,823	*	0
2100 COTTON	42	13.9	192,408	1,363,458	*	20,757
2200 COTTONSEED	1	0.3	10,127	22,816	*	0
2300 SOYBEANS	48	12.9	199,835	1,518,957	*	3,457
2500 OTHER OILSEED CROPS	1	0.5	6,813	27,360	*	0
2700 SUGAR CROPS	28	11.5	91,458	972,587	*	0
2800 MISC NEW CROPS	2	0.2	0	4,733	*	0
2900 POULTRY	12	5.2	120,390	953,044	*	2,252
3000 BEEF CATTLE	69	20.8	355,205	3,067,453	*	24,876
3100 DAIRY CATTLE	51	14.6	218,407	2,026,652	*	2,609
3200 SWINE	6	1.4	30,543	266,392	*	0
3300 SHEEP AND WOOL	3	0.3	8,158	80,283	*	0
3400 OTHER ANIMALS	23	2.2	81,492	493,585	*	60,840
3600 FARM SUPP & FACILITS	4	1.1	9,765	124,740	*	0
3700 CLOTHING & TEXTILES	5	1.0	20,802	68,294	*	0
3800 FOOD	9	1.4	19,704	106,560	*	4,367
3900 HOUSING & EQUIP	6	1.6	15,677	151,169	*	23,528
4000 PEOPLE AS INDIVIDUAL	18	2.9	45,783	263,037	*	16,237
4100 FAMILY MEMBERS	8	1.7	24,844	81,285	*	0
4200 FARM AS BUSINESS	6	1.9	14,450	78,517	*	0
4300 SOC POLIT ORGANIZ	12	2.7	77,724	171,946	*	945
4400 AGRIC ECONOMY U S	3	0.6	1,500	50,996	*	0
4600 FARM COOPERATIVES	1	0.2	3,872	12,332	*	0
4700 OTH MARKET PROCESS	1	0.2	5,662	18,351	*	0
4800 MARKETING SYSTEMS	4	0.7	19,287	45,926	*	0
6200 SEED RESEARCH	1	0.4	10,668	18,934	*	0
6500 INVERTEBRATES	8	2.7	15,110	151,034	*	0
6600 MICROORGANISMS, VIRUS	2	0.7	4,000	42,821	*	0
6700 PLANTS	9	2.9	71,633	286,230	*	0
6800 ANIMALS (VERTEBRATES)	5	0.7	22,866	89,055	*	0
6900 RESEARCH ON RSCH HGM	2	3.6	0	374,394	*	17,398
7000 RSCH EQUIP & TECHNOL	1	0.5	0	51,019	*	0
9900 UNCLASSIFIED	1	0.0	13,241	26,773	*	0
TOTAL	753	204.5	2,480,595	21,971,677	*	255,365

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MAINE OREGON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	COM/GT/CA WITH SAES AMOUNT 1980
0100 SOIL AND LAND	9	3.6	112,910	232,890	*	4,346
0200 WATER	2	0.4	16,529	95,537	*	0
0400 AIR AND CLIMATE	1	0.1	4,125	7,782	*	0
0500 RECREATION RESOURCES	2	0.7	5,044	32,725	*	0
0600 TIMBER FOREST PRODUCT	32	16.5	343,388	1,941,251	*	702,804
0800 WILDLIFE AND FISH	11	4.8	61,942	450,398	*	5,945
1000 FRUIT NUTS DECIDUCUS	10	4.4	175,400	531,853	*	0
1100 POTATOES	18	10.5	267,405	783,005	*	5,333
1200 VEGETABLES	2	0.7	22,491	31,762	*	0
1300 ORNAMENTALS TURF	1	0.2	4,269	6,216	*	0
2000 FORAGE CROPS	3	1.3	35,946	61,222	*	0
2900 POULTRY	8	5.2	128,220	442,691	*	9,584
3100 DAIRY CATTLE	13	5.1	169,474	628,134	*	0
3900 HOUSING & EQUIP	2	1.2	27,191	54,926	*	0
4000 PEOPLE AS INDIVIDUAL	2	1.1	14,786	56,547	*	0
4300 SOC POLIT ORGANIZ	4	1.8	41,963	85,506	*	0
6300 BIO CELL SYSTEMS	2	1.0	24,176	44,407	*	0
6500 INVERTEBRATES	4	1.8	41,273	71,412	*	5,825
6600 MICROORGANISMS, VIRUS	2	1.2	44,366	52,709	*	0
6700 PLANTS	2	0.1	0	7,505	*	5,876
TOTAL	130	61.6	1,540,896	5,618,477	*	739,713

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MARYLAND COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	COM/GT/CA WITH SAES AMOUNT 1980
0100 SOIL AND LAND	14	4.4	95,820	314,994	*	0
0200 WATER	7	2.5	80,593	215,384	*	0
0300 WATERSHEDS RIVER BAS	4	1.4	16,522	67,359	*	0
0500 RECREATION RESOURCES	4	0.9	36,389	102,026	*	0
0600 TIMBER FOREST PRODUCT	13	2.8	95,506	334,661	*	0
0700 RANGE	1	0.3	10,400	31,897	*	0
0800 WILDLIFE AND FISH	9	2.1	28,956	95,867	*	0
1000 FRUIT NUTS DECIDUCUS	15	4.0	106,818	341,094	*	0
1100 POTATOES	3	0.4	13,870	34,672	*	0
1200 VEGETABLES	22	5.5	162,460	463,771	*	19,765
1300 ORNAMENTALS TURF	15	4.6	70,189	277,403	*	0
1400 CORN	14	3.2	68,558	245,177	*	0
1700 WHEAT	4	1.8	43,522	125,095	*	0
1800 OTHER SMALL GRAINS	2	0.4	15,382	46,393	*	0
1900 PASTURE	1	0.1	0	13,118	*	0
2000 FORAGE CROPS	6	1.8	25,727	163,732	*	0
2100 COTTON	2	0.3	7,738	13,354	*	0
2200 COTTONSEED	1	0.0	1,464	3,207	*	0
2300 SOYBEANS	13	3.6	79,950	304,338	*	458
2600 TOBACCO	11	6.5	53,653	372,370	*	0
2800 MISC NEW CROPS	2	0.6	11,409	29,815	*	0
2900 POULTRY	21	9.3	268,631	834,450	*	0
3000 BEEF CATTLE	11	4.3	49,586	315,022	*	0
3100 DAIRY CATTLE	23	9.4	210,279	931,061	*	0
3200 SWINE	4	1.0	19,320	107,485	*	0
3300 SHEEP AND WOOL	2	0.3	11,292	41,884	*	0
3400 OTHER ANIMALS	12	2.5	17,929	203,106	*	0
3500 BEES AND HONEY	1	0.3	1,610	13,579	*	0
3700 CLOTHING & TEXTILES	1	0.0	15,918	15,918	*	0
3800 FOOD	3	1.0	76,233	105,040	*	0
3900 HOUSING & EQUIP	2	0.2	4,110	11,586	*	0
4000 PEOPLE AS INDIVIDUAL	6	2.4	38,978	127,579	*	0
4100 FAMILY MEMBERS	1	0.0	1,277	1,277	*	0
4300 SOC POLIT ORGANIZ	5	0.6	49,906	88,835	*	0
6400 EXP DESIGN/STAT METH	1	0.0	0	4,549	*	0
6600 MICROORGANISMS, VIRUS	2	0.5	4,935	29,799	*	0
6700 PLANTS	11	2.4	50,795	152,732	*	3,708
6800 ANIMALS(VERTEBRATES)	3	0.1	503	2,861	*	279
7000 RSCH EQUIP & TECHNOL	2	0.9	0	61,437	*	0
TOTAL	274	82.0	1,842,186	6,643,929	*	24,210

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MASSACHUSETTS AMHERST SABES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SABES AMOUNT 1980
0100 SOIL AND LAND	8	2.7	92,931	190,938	*	1,352
0200 WATER	4	1.4	79,915	157,130	*	0
0300 WATERSHEDS RIVER EAS	2	0.3	11,921	34,387	*	13,295
0500 RECREATION RESOURCES	2	0.1	6,439	11,262	*	0
0600 TIMBER FOREST PRODUCT	17	6.1	174,227	418,975	*	38,229
0800 WILDLIFE AND FISH	1	0.1	4,088	18,816	*	0
1000 FRUIT NUTS DECIDUCUS	16	8.9	222,698	596,750	*	15,004
1200 VEGETABLES	21	4.9	243,245	515,436	*	52,855
1300 ORNAMENTALS TURF	8	1.6	46,888	126,834	*	0
1400 CORN	7	1.4	56,580	135,270	*	8,918
2000 FORAGE CROPS	5	0.9	35,286	79,156	*	8,723
2300 SOYBEANS	2	0.5	21,254	38,217	*	0
2800 MISC NEW CROPS	1	0.1	1,427	2,492	*	0
2900 POULTRY	9	3.7	124,095	423,984	*	85,114
3000 BEEF CATTLE	4	0.6	19,403	42,079	*	0
3100 DAIRY CATTLE	8	2.2	89,556	201,942	*	0
3300 SHEEP AND WOOL	1	0.1	1,607	7,324	*	0
3400 OTHER ANIMALS	1	0.2	2,679	20,791	*	0
3800 FOOD	8	3.3	201,238	337,973	*	3,524
3900 HOUSING & EQUIP	1	0.1	3,309	8,330	*	0
4000 PEOPLE AS INDIVIDUAL	8	1.7	27,953	77,799	*	0
4100 FAMILY MEMBERS	2	0.8	45,451	73,540	*	0
4200 FARM AS BUSINESS	2	0.1	3,620	8,898	*	0
4300 SOC POLIT ORGANIZ	4	1.9	52,719	102,132	*	0
4400 AGRIC ECONOMY U S	1	0.1	8,915	15,889	*	0
6500 INVERTEBRATES	1	0.3	6,917	27,796	*	0
6700 PLANTS	4	0.9	22,257	59,983	*	4,602
6800 ANIMALS (VERTEBRATES)	2	0.2	3,157	21,735	*	0
6900 RESEARCH ON RSCH MGM	1	0.2	3,828	7,549	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	3,274	6,160	*	0
9900 UNCLASSIFIED	1	0.0	3,600	3,600	*	0
TOTAL	149	45.2	1,620,469	3,773,129	*	231,616

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MICHIGAN LANSING SABES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SABES AMOUNT 1980
0100 SOIL AND LAND	34	7.4	141,915	1,244,323	*	51,418
0200 WATER	17	2.5	44,914	399,784	*	13,266
0300 WATERSHEDS RIVER EAS	3	0.4	5,409	33,108	*	3,205
0400 AIR AND CLIMATE	6	0.6	13,792	56,346	*	3,163
0500 RECREATION RESOURCES	12	2.9	37,051	231,966	*	15,002
0600 TIMBER FOREST PRODUCT	30	9.7	133,335	1,352,458	*	199,407
0800 WILDLIFE AND FISH	15	5.3	67,384	817,014	*	3,195
1000 FRUIT NUTS DECIDUCUS	46	26.4	272,541	2,095,229	*	48,364
1100 POTATOES	11	1.8	32,100	180,171	*	449
1200 VEGETABLES	45	14.3	225,995	1,697,124	*	58,760
1300 ORNAMENTALS TURF	12	8.0	17,428	546,613	*	5,993
1400 CORN	18	3.2	89,911	536,106	*	26,466
1600 RICE	1	0.4	0	20,915	*	0
1700 WHEAT	10	3.9	1,834	437,573	*	23,158
1800 OTHER SMALL GRAINS	9	1.0	6,601	187,555	*	3,663
1900 PASTURE	1	0.0	0	6,168	*	0
2000 FORAGE CROPS	14	2.7	75,785	727,090	*	103,940
2300 SOYBEANS	8	1.4	26,904	212,559	*	4,288
2600 TOBACCO	1	0.0	0	130	*	0
2700 SUGAR CROPS	3	0.0	1,022	38,534	*	12,069
2800 MISC NEW CROPS	3	0.2	9,007	39,279	*	0
2900 POULTRY	31	7.1	261,039	746,761	*	26,082
3000 BEEF CATTLE	26	4.2	126,516	1,259,542	*	5,487
3100 DAIRY CATTLE	41	10.5	394,054	1,680,989	*	98,579
3200 SWINE	17	4.4	122,587	537,361	*	1,390
3300 SHEEP AND WOOL	5	0.5	10,622	173,153	*	0
3400 OTHER ANIMALS	16	3.3	48,741	225,855	*	83
3600 FARM SUPP & FACILITS	3	2.2	35,675	265,286	*	71,695
3700 CLOTHING & TEXTILES	2	0.6	0	39,238	*	0
3800 FOOD	23	8.0	146,033	961,006	*	89,741
3900 HOUSING & EQUIP	6	0.9	12,293	127,184	*	0
4000 PEOPLE AS INDIVIDUAL	21	2.1	120,666	375,091	*	3,173
4100 FAMILY MEMBERS	18	2.4	45,990	283,842	*	0
4200 FARM AS BUSINESS	7	1.4	27,852	175,664	*	8,760
4300 SOC POLIT ORGANIZ	12	3.3	147,004	375,963	*	13,586
4400 AGRIC ECONOMY U S	3	1.1	19,163	150,990	*	39,215
4500 AGRIC ECONOMY FORGN	3	0.6	409	175,070	*	162,428
4600 FARM COOPERATIVES	1	0.6	19,004	48,969	*	15,580
4700 OTH MARKET PROCESS	1	0.6	19,004	48,969	*	15,580
4800 MARKETING SYSTEMS	3	1.0	27,167	76,783	*	13,354
6300 BIO CELL SYSTEMS	10	4.2	140,467	655,973	*	0
6400 EXP DESIGN/STAT METH	8	2.1	9,988	320,058	*	74,299
6500 INVERTEBRATES	5	1.3	659	265,888	*	0
6600 MICROORGANISMS, VIRUS	10	2.1	61,182	270,050	*	0
6700 PLANTS	31	10.8	198,776	1,563,752	*	253,168
6800 ANIMALS (VERTEBRATES)	29	7.2	255,482	828,977	*	27,382
6900 RESEARCH ON RSCH MGM	3	0.6	9,733	50,258	*	0
7000 RSCH EQUIP & TECHNOL	6	1.5	3,888	190,516	*	74,299
TOTAL	640	176.5	3,466,878	22,793,231	*	1,569,680

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MINNESOTA ST PAUL SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COH/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	21	8.2	175,027	1,442,218	*	249,676
0200 WATER	6	0.4	10,429	112,345	*	4,456
0300 WATERSHEDS RIVER PAS	2	1.0	19,049	198,680	*	11,353
0400 AIR AND CLIMATE	3	0.6	25,436	166,580	*	0
0500 RECREATION RESOURCES	6	1.9	55,517	156,271	*	7,400
0600 TIMBER FOREST PRODUCT	37	16.0	313,318	2,040,948	*	166,748
0700 RANGE	1	0.2	2,168	33,864	*	6,683
0800 WILDLIFE AND FISH	11	5.4	76,515	845,862	*	2,211
1000 FRUIT NUTS DECIDUCOUS	8	1.8	18,113	389,814	*	18,343
1100 POTATOES	18	6.8	117,117	734,180	*	45,294
1200 VEGETABLES	14	2.8	62,861	441,764	*	41,713
1300 ORNAMENTALS TURF	11	3.9	57,960	631,313	*	27,881
1400 CORN	28	11.4	286,739	1,988,647	*	201,014
1600 RICE	4	2.3	0	366,793	*	0
1700 WHEAT	18	1.7	66,478	839,446	*	152,130
1800 OTHER SMALL GRAINS	11	4.0	105,258	741,093	*	53,488
2000 FORAGE CROPS	14	3.7	177,781	809,272	*	78,535
2300 SOYBEANS	18	5.4	55,387	1,072,712	*	93,725
2400 PEANUTS	1	0.0	0	2,915	*	2,915
2500 OTHER OILSEED CROPS	4	0.7	0	96,722	*	3,373
2700 SUGAR CROPS	1	0.0	0	113,381	*	0
2800 MISC NEW CROPS	4	2.0	0	393,480	*	0
2900 POULTRY	20	6.8	285,099	1,064,980	*	12,171
3000 BEEF CATTLE	15	3.1	126,703	1,258,707	*	88,989
3100 DAIRY CATTLE	32	7.7	346,526	2,381,026	*	41,405
3200 SWINE	19	5.9	295,393	1,417,801	*	77,077
3300 SHEEP AND WOOL	6	1.8	56,537	699,994	*	0
3400 OTHER ANIMALS	3	2.2	7,691	174,368	*	40,027
3500 BEES AND HONEY	1	0.2	0	29,973	*	0
3600 FARM SUPP & FACILITS	2	0.5	19,071	246,765	*	6,134
3700 CLOTHING & TEXTILES	5	2.9	69,287	175,094	*	0
3800 FOOD	26	7.7	185,994	1,135,699	*	19,110
3900 HOUSING & EQUIP	5	0.0	0	43,419	*	1,272
4000 PEOPLE AS INDIVIDUAL	12	2.6	18,426	250,685	*	0
4100 FAMILY MEMBERS	12	3.8	50,982	370,064	*	0
4200 FARM AS BUSINESS	3	0.8	0	119,070	*	0
4300 SOC POLIT ORGANIZ	11	4.1	205,297	450,889	*	73,168
4400 AGRIC ECONOMY U S	4	0.6	39,207	83,817	*	2,031
4500 AGRIC ECONOMY FORGN	3	0.7	40,498	68,090	*	2,031
4700 OTR MARKET PROCESS	1	0.0	0	15,026	*	0
4800 MARKETING SYSTEMS	3	0.4	40,528	93,177	*	47,603
6100 WEEDS	1	0.0	0	9,190	*	0
6200 SEED RESEARCH	1	0.0	3,821	7,142	*	0
6300 BIO CELL SYSTEMS	4	0.3	5,097	145,661	*	0
6400 EXP DESIGN/STAT METH	1	0.5	0	22,613	*	0
6500 INVERTEBRATES	8	2.0	11,260	200,664	*	1,486
6600 MICROORGANISMS, VIRUS	8	0.7	18,190	111,783	*	556
6700 PLANTS	17	6.7	81,597	932,373	*	35,668
6800 ANIMALS(VERTEBRATES)	15	4.1	65,226	591,402	*	45,129
6900 RESEARCH ON RSCH MGR	2	1.1	0	136,039	*	34,389
7000 RSCH EQUIP & TECHNOL	2	0.6	0	56,011	*	15,629
9900 UNCLASSIFIED	1	0.0	82,469	82,469	*	0
TOTAL	464	149.5	3,636,772	25,391,777	*	1,708,721

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MISSISSIPPI STATE COLLEGE SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COH/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	16	3.5	93,059	385,962	*	31,271
0200 WATER	8	1.1	27,485	130,289	*	16,424
0300 WATERSHEDS RIVER PAS	1	0.0	0	493	*	0
0500 RECREATION RESOURCES	1	0.1	2,434	10,655	*	0
0600 TIMBER FOREST PRODUCT	39	24.6	308,557	2,090,572	*	186,288
0700 RANGE	4	0.1	0	23,248	*	8,681
0800 WILDLIFE AND FISH	12	9.6	97,928	943,707	*	44,601
1000 FRUIT NUTS DECIDUCOUS	10	8.2	262,612	700,307	*	488
1100 POTATOES	1	0.0	0	47	*	0
1200 VEGETABLES	24	7.4	216,903	754,500	*	8,051
1300 ORNAMENTALS TURF	5	7.1	240,456	564,276	*	0
1400 CORN	15	2.2	37,551	333,588	*	56,635
1500 GRAIN SORGHUM	9	3.0	2,120	264,006	*	14
1600 RICE	12	4.3	113,364	475,562	*	214
1700 WHEAT	5	0.6	17,494	41,687	*	685
1800 OTHER SMALL GRAINS	7	0.7	9,571	47,060	*	706
1900 PASTURE	4	2.1	8,999	148,668	*	8,426
2000 FORAGE CROPS	19	9.3	182,318	1,206,504	*	76,778
2100 COTTON	45	18.8	112,176	2,234,865	*	291,232
2200 COTTONSEED	1	0.2	4,931	8,017	*	0
2300 SOYBEANS	46	13.2	177,898	1,643,334	*	87,780
2400 PEANUTS	5	0.1	3,156	23,184	*	460
2500 OTHER OILSEED CROPS	1	0.0	0	191	*	0
2600 TOBACCO	1	1.3	14,917	121,537	*	0
2700 SUGAR CROPS	1	0.1	0	55,892	*	0
2800 MISC NEW CROPS	1	0.1	1,646	2,392	*	0
2900 POULTRY	18	12.9	209,098	676,430	*	3,231
3000 BEEF CATTLE	18	11.3	381,501	2,031,887	*	33,206
3100 DAIRY CATTLE	22	13.5	400,036	1,809,646	*	26,512
3200 SWINE	8	8.2	153,528	804,361	*	0
3300 SHEEP AND WOOL	1	0.9	0	85,609	*	0
3400 OTHER ANIMALS	4	0.9	6,521	85,213	*	0
3600 FARM SUPP & FACILITS	2	0.7	0	89,715	*	0
3800 FOOD	1	0.8	0	21,839	*	0
3900 HOUSING & EQUIP	1	0.0	0	269	*	0
4000 PEOPLE AS INDIVIDUAL	14	4.9	55,835	332,971	*	15,176
4100 FAMILY MEMBERS	1	0.1	2,766	4,005	*	0
4200 FARM AS BUSINESS	4	0.9	31,642	51,386	*	0
4300 SOC POLIT ORGANIZ	8	1.6	14,309	134,667	*	69,057
4400 AGRIC ECONOMY U S	1	0.1	2,766	4,005	*	0
4600 FARM COOPERATIVES	2	0.6	25,008	49,807	*	1,684
4700 OTR MARKET PROCESS	2	0.6	4,302	68,967	*	0
4800 MARKETING SYSTEMS	2	0.7	32,193	56,970	*	4,599
6100 WEEDS	2	0.1	0	55,417	*	35,061
6200 SEED RESEARCH	3	1.1	19,228	87,191	*	0
6500 INVERTEBRATES	2	1.2	0	68,433	*	0
6600 MICROORGANISMS,VIRUS	2	0.0	0	7,729	*	1,227
6700 PLANTS	6	1.2	21,832	1,322,674	*	21,510
6800 ANIMALS(VERTEBRATES)	4	0.5	4,852	58,385	*	0
TOTAL	481	180.4	3,301,579	20,114,096	*	1,025,916

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MISSOURI COLUMBIA SABES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SAES SYS 1980	SABES AMOUNT 1980
0100 SOIL AND LAND	17	5.6	113,082	675,852	*	5,420
0200 WATER	10	2.7	40,985	241,698	*	1,581
0300 WATERSHEDS RIVER BAS	2	1.2	50,886	143,461	*	0
0400 AIR AND CLIMATE	6	2.6	62,909	545,552	*	20,270
0500 RECREATION RESOURCES	2	0.2	1,288	26,852	*	8,129
0600 TIMBER FOREST PRODUCT	15	6.5	154,688	792,769	*	45,612
0700 RANGE	1	0.3	0	21,191	*	3,356
0800 WILDLIFE AND FISH	5	2.4	30,846	396,599	*	30,433
0900 CITRUS SUB TROP FRUT	2	0.1	8,229	19,470	*	0
1000 FRUIT NUTS DECIDUCUS	12	3.4	87,448	94,526	*	0
1200 VEGETABLES	8	3.7	81,644	325,700	*	0
1300 ORNAMENTALS TURF	6	2.9	68,778	284,428	*	0
1400 CORN	27	7.2	194,083	1,185,957	*	89,820
1500 GRAIN SORGHUM	14	2.2	36,439	290,318	*	27,785
1600 RICE	1	0.0	479	2,262	*	0
1700 WHEAT	9	2.0	50,080	217,530	*	6,899
1800 OTHER SMALL GRAINS	4	0.6	13,589	70,176	*	0
1900 PASTURE	6	0.5	13,268	72,056	*	5,607
2000 FORAGE CROPS	18	4.5	199,398	670,920	*	51,297
2100 COTTON	5	2.7	42,123	222,243	*	18,456
2300 SCYDENS	27	7.4	147,506	801,882	*	150,730
2500 OTHER OILSEED CROPS	2	0.4	13,469	38,048	*	0
2600 TOBACCO	2	0.1	2,557	10,621	*	0
2700 SUGAR CROPS	1	0.3	5,718	21,571	*	0
2800 MISC NEW CROPS	4	1.1	36,663	138,362	*	0
2900 POULTRY	19	5.8	204,726	681,462	*	1,777
3000 BEEF CATTLE	36	7.8	415,238	1,176,746	*	58,480
3100 DAIRY CATTLE	27	7.6	340,030	1,138,710	*	52,077
3200 SWINE	28	6.5	264,616	907,677	*	26,978
3300 SHEEP AND WOOL	5	0.6	38,259	122,354	*	0
3400 OTHER ANIMALS	14	1.5	114,560	353,600	*	308
3600 FARM SUPP & FACILITS	2	0.3	4,057	55,759	*	5,253
3800 FOOD	14	3.1	102,728	354,233	*	6
3900 HOUSING & EQUIP	2	1.1	4,607	106,904	*	0
4000 PEOPLE AS INDIVIDUAL	9	2.7	42,639	272,361	*	20,766
4100 FAMILY MEMBERS	5	1.0	17,010	97,855	*	0
4200 FARM AS BUSINESS	5	2.3	40,619	183,863	*	3,709
4300 SOC POLIT ORGANIZ	9	3.2	77,442	534,203	*	26,477
4400 AGRIC ECONOMY U S	4	1.1	12,633	92,125	*	5,562
4500 AGRIC ECONOMY FORGN	1	0.8	0	45,705	*	0
4600 FARM COOPERATIVES	4	0.4	16,698	59,130	*	4,270
4700 OTH MARKET PROCESS	3	0.2	6,398	30,766	*	712
4800 MARKETING SYSTEMS	5	0.9	40,101	159,903	*	26,127
6200 SEED RESEARCH	2	1.4	544	249,214	*	0
6300 BIO CELL SYSTEMS	4	0.5	24,658	95,324	*	0
6400 EXP DESIGN/STAT METH	2	0.1	3,597	16,341	*	2,007
6500 INVERTEBRATES	5	1.1	17,985	105,562	*	1,410
6600 MICROORGANISMS, VIRUS	4	0.6	8,717	59,723	*	0
6700 PLANTS	11	2.5	60,395	370,696	*	30,443
6800 ANIMALS(VERTEBRATES)	6	1.3	47,557	180,384	*	3,010
7000 RSCN EQUIP & TECHNOL	2	0.2	2,323	13,489	*	0
9900 UNCLASSIFIED	1	0.0	39,649	39,649	*	0
TOTAL	431	115.2	3,403,898	15,253,786	*	734,767

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MONTANA BOZEMAN SABES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SAES SYS 1980	SABES AMOUNT 1980
0100 SOIL AND LAND	16	10.5	62,237	737,888	*	57,974
0200 WATER	10	3.4	34,253	300,662	*	7,706
0400 AIR AND CLIMATE	1	0.2	3,701	7,869	*	0
0700 RANGE	16	5.2	56,589	317,371	*	16,340
0800 WILDLIFE AND FISH	6	0.7	17,994	104,810	*	12,031
1000 FRUIT NUTS DECIDUCUS	1	0.8	0	35,651	*	0
1100 POTATOES	2	0.2	3,340	32,984	*	0
1200 VEGETABLES	5	0.9	10,830	80,762	*	0
1300 ORNAMENTALS TURF	4	0.6	24,891	51,996	*	0
1400 CORN	6	0.7	3,340	70,194	*	0
1500 GRAIN SORGHUM	1	0.1	0	10,398	*	0
1700 WHEAT	42	9.9	185,421	913,838	*	55,118
1800 OTHER SMALL GRAINS	44	8.4	143,794	775,046	*	20,611
1900 PASTURE	4	0.9	7,093	44,381	*	0
2000 FORAGE CROPS	29	6.4	110,340	638,265	*	15,945
2500 OTHER OILSEED CROPS	9	1.3	4,686	160,082	*	0
2700 SUGAR CROPS	8	1.3	3,340	160,197	*	0
2800 MISC NEW CROPS	1	0.2	0	22,384	*	0
2900 POULTRY	1	0.2	14,928	39,721	*	0
3000 BEEF CATTLE	39	17.2	500,976	2,353,733	*	34,891
3100 DAIRY CATTLE	5	1.2	42,037	358,686	*	29,765
3200 SWINE	5	0.8	36,150	394,839	*	112
3300 SHEEP AND WOOL	10	4.1	82,197	441,073	*	112
3400 OTHER ANIMALS	3	0.2	12,931	33,814	*	0
3600 FARM SUPP & FACILITS	2	0.8	16,458	81,232	*	0
3800 FOOD	1	0.2	787	10,056	*	0
3900 HOUSING & EQUIP	2	0.3	0	28,458	*	7,635
4000 PEOPLE AS INDIVIDUAL	8	1.9	15,840	135,210	*	9,197
4200 FARM AS BUSINESS	2	0.6	11,384	25,324	*	0
4300 SOC POLIT ORGANIZ	1	0.8	13,077	28,159	*	0
4400 AGRIC ECONOMY U S	1	0.3	10,537	22,789	*	0
6500 INVERTEBRATES	1	0.9	0	24,430	*	0
6700 PLANTS	9	1.4	20,646	87,111	*	6,531
6800 ANIMALS(VERTEBRATES)	1	0.2	11,070	20,356	*	0
7000 RSCN EQUIP & TECHNOL	2	0.3	3,458	16,175	*	0
9900 UNCLASSIFIED	1	0.0	10,527	10,527	*	0
TOTAL	299	82.7	1,474,851	8,576,469	*	273,968

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEVADA RENO SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	11	2.3	62,772	130,027	*	0
0200 WATER	7	2.1	39,645	163,753	*	0
0300 WATERSHEDS RIVER BAS	3	0.8	5,489	111,644	*	17,260
0400 AIR AND CLIMATE	1	0.3	47,873	56,460	*	0
0500 RECREATION RESOURCES	3	0.4	10,672	42,768	*	0
0600 TIMBER FOREST PRODUCT	5	2.2	49,314	205,798	*	2,224
0700 RANGE	15	1.8	38,977	312,118	*	68,712
0800 WILDLIFE AND FISH	7	0.9	12,182	173,443	*	39,066
1100 POTATOES	2	0.0	326	5,311	*	0
1200 VEGETABLES	2	0.4	326	36,174	*	0
1300 ORNAMENTALS TURF	3	0.5	7,978	62,358	*	0
1700 WHEAT	3	0.5	0	48,323	*	0
1800 OTHER SMALL GRAINS	2	0.5	0	39,775	*	0
1900 PASTURE	1	0.4	0	35,137	*	0
2000 FORAGE CROPS	20	6.7	126,287	501,129	*	49,409
2800 MISC NEW CROPS	1	0.0	11,283	11,283	*	0
3000 BEEF CATTLE	25	7.7	225,477	980,883	*	13,488
3100 DAIRY CATTLE	7	1.6	23,642	263,665	*	0
3300 SHEEP AND WOOL	4	1.2	31,073	105,278	*	0
3400 OTHER ANIMALS	3	0.6	11,159	46,072	*	0
3500 BEES AND HONEY	3	0.6	28,394	54,269	*	6,065
3600 FARM SUPP & FACILITS	1	0.0	0	29,920	*	0
3700 CLOTHING & TEXTILES	1	0.1	112	4,749	*	0
3800 FOOD	3	0.6	22,556	45,130	*	0
3900 HOUSING & EQUIP	1	0.4	21,393	26,171	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.3	3,982	21,356	*	0
4100 FAMILY MEMBERS	4	0.5	9,515	36,388	*	0
4200 FARM AS BUSINESS	1	0.4	15,285	22,090	*	0
4300 SOC POLIT ORGANIZ	8	1.5	57,160	91,961	*	0
6300 BIO CELL SYSTEMS	3	0.1	23,215	31,787	*	0
6400 EXP DESIGN/STAT MTH	1	0.0	1,487	2,370	*	0
6500 INVERTEBRATES	2	0.4	809	16,862	*	0
6600 MICROORGANISMS, VIRUS	2	0.3	8,667	23,939	*	0
6700 PLANTS	6	1.0	2,069	107,476	*	4,095
6800 ANIMALS (VERTEBRATES)	4	0.2	460	30,522	*	650
7000 RSCH EQUIP & TECHNOL	1	0.1	5,443	8,584	*	0
TOTAL	169	37.2	904,941	3,884,968	*	200,969

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEBRASKA LINCOLN SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	25	8.0	148,912	795,388	*	39,734
0200 WATER	26	5.5	67,257	636,302	*	55,209
0400 AIR AND CLIMATE	6	2.2	26,154	182,406	*	0
0500 RECREATION RESOURCES	1	0.1	0	3,897	*	0
0600 TIMBER FOREST PRODUCT	8	2.4	30,152	96,079	*	737
0700 RANGE	10	1.3	11,012	152,779	*	18,865
0800 WILDLIFE AND FISH	4	0.7	5,159	40,903	*	0
1100 POTATOES	5	0.1	20,447	99,080	*	0
1200 VEGETABLES	17	4.2	55,006	323,383	*	0
1300 ORNAMENTALS TURF	9	3.4	43,685	273,681	*	0
1400 CORN	60	11.7	237,897	1,643,446	*	110,412
1500 GRAIN SORGHUM	43	7.8	125,070	1,120,774	*	62,829
1700 WHEAT	29	7.3	113,678	912,784	*	206,053
1800 OTHER SMALL GRAINS	8	1.2	26,462	175,288	*	0
1900 PASTURE	4	0.5	4,794	112,022	*	9,993
2000 FORAGE CROPS	32	5.9	143,885	890,705	*	52,031
2300 SOYBEANS	33	7.8	119,613	877,978	*	73,298
2500 OTHER OILSEED CROPS	2	0.2	2,811	25,756	*	0
2700 SUGAR CROPS	6	0.3	6,872	47,195	*	0
2900 POULTRY	9	3.7	87,123	427,310	*	1,053
3000 BEEF CATTLE	39	15.3	318,759	7,711,668	*	89,035
3100 DAIRY CATTLE	19	5.0	114,738	873,732	*	21,393
3200 SWINE	23	11.0	228,107	2,364,297	*	108,566
3300 SHEEP AND WOOL	6	1.2	25,356	199,885	*	4,578
3400 OTHER ANIMALS	2	0.7	0	79,117	*	1,053
3600 FARM SUPP & FACILITS	2	2.5	8,133	272,871	*	2,983
3700 CLOTHING & TEXTILES	3	0.4	11,403	43,351	*	0
3800 FOOD	15	3.5	97,581	544,826	*	0
3900 HOUSING & EQUIP	4	0.7	6,304	161,456	*	83,517
4000 PEOPLE AS INDIVIDUAL	13	3.6	41,050	306,785	*	0
4100 FAMILY MEMBERS	7	2.1	21,177	129,752	*	0
4200 FARM AS BUSINESS	5	2.5	37,639	125,509	*	976
4300 SOC POLIT ORGANIZ	9	2.0	35,098	170,384	*	0
4700 OTC MARKET PROCESS	1	0.1	827	11,080	*	0
4800 MARKETING SYSTEMS	4	1.1	26,019	76,421	*	0
6100 WEEDS	3	0.7	20,740	71,090	*	0
6200 SEED RESEARCH	1	1.0	0	269,523	*	0
6400 EXP DESIGN/STAT MTH	2	2.6	228	173,237	*	0
6500 INVERTEBRATES	1	0.5	11,289	38,749	*	0
6600 MICROORGANISMS, VIRUS	6	1.6	20,248	177,314	*	31,375
6700 PLANTS	15	3.2	62,603	783,946	*	19,030
6800 ANIMALS (VERTEBRATES)	8	1.5	5,494	595,912	*	2,114
6900 RESEARCH ON RSCB MGM	2	0.4	12,982	34,914	*	0
7000 RSCH EQUIP & TECHNOL	2	0.2	4,934	15,011	*	0
9900 UNCLASSIFIED	2	0.6	24,453	483,858	*	0
TOTAL	531	138.1	2,411,147	24,550,762	*	998,832

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW HAMPSHIRE DURHAM SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CB ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	6	1.3	35,549	70,294	*	0
0200 WATER	2	0.6	38,228	36,495	*	0
0300 WATERSHEDS RIVER EAS	1	0.5	19,036	26,846	*	0
0400 AIR AND CLIMATE	1	0.2	0	14,213	*	0
0500 RECREATION RESOURCES	1	0.5	4,080	5,810	*	0
0600 TIMBER FOREST PRODUCT	18	4.9	150,056	286,789	*	0
0800 WILDLIFE AND FISH	5	1.0	40,564	111,896	*	0
1000 FRUIT NUTS DECIDUCUS	4	1.3	46,776	82,632	*	0
1100 POTATOES	1	0.0	1,626	1,657	*	0
1200 VEGETABLES	5	1.3	64,097	109,086	*	0
1300 ORNAMENTALS TURF	1	0.3	21,700	32,954	*	0
1400 CORN	1	0.5	28,595	44,480	*	0
2000 FORAGE CROPS	4	2.4	26,775	150,597	24,262	0
2300 SOYBEANS	1	0.5	16,353	27,053	*	0
2900 POULTRY	5	2.4	185,618	299,943	*	10,095
3000 BEEF CATTLE	1	0.0	1,626	1,657	*	0
3100 DAIRY CATTLE	9	2.4	162,436	282,430	*	0
3200 SWINE	1	0.0	1,626	1,657	*	0
3400 OTHER ANIMALS	4	1.4	74,250	125,574	*	0
3800 FOOD	1	0.1	2,253	2,384	*	0
3900 HOUSING & EQUIP	4	0.9	29,726	42,277	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.7	45,025	59,227	*	0
4100 FAMILY MEMBERS	1	0.0	0	5,122	*	0
4300 SOC POLIT ORGANIZ	3	0.8	14,799	17,367	*	0
4800 MARKETING SYSTEMS	1	0.4	16,258	16,570	*	0
6300 BIO CELL SYSTEMS	2	1.3	42,969	77,021	*	0
6400 EXP DESIGN/STAT METH	1	0.1	0	2,643	*	0
6500 INVERTEBRATES	3	1.5	9,324	64,102	*	0
6600 MICROORGANISMS, VIRUS	1	0.5	4,311	4,311	*	0
6700 PLANTS	4	0.9	43,079	69,161	*	4,075
6800 ANIMALS(VERTEBRATES)	3	0.8	4,031	32,080	*	307
7000 RSCH EQUIP & TECHNOL	3	0.3	2,782	13,840	*	0
TOTAL	101	29.9	1,129,546	2,117,768	*	38,739

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW JERSEY NEW BRUNSWICK SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CB ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	29	6.5	83,525	1,168,825	*	2,414
0200 WATER	18	3.0	16,129	829,455	*	0
0300 WATERSHEDS RIVER EAS	3	0.4	0	40,111	*	0
0400 AIR AND CLIMATE	12	1.9	7,720	174,899	*	31,717
0500 RECREATION RESOURCES	3	1.2	59,665	161,123	*	0
0600 TIMBER FOREST PRODUCT	14	4.2	123,325	489,004	*	65,411
0800 WILDLIFE AND FISH	13	8.5	9,080	508,660	*	0
0900 CITRUS SUB TROP FRUT	2	0.2	11,290	45,371	*	0
1000 FRUIT NUTS DECIDUCUS	32	9.1	206,334	1,233,379	*	0
1100 POTATOES	5	1.9	30,844	200,010	*	8,120
1200 VEGETABLES	28	7.9	148,139	1,058,675	*	19,694
1300 ORNAMENTALS TURF	16	6.7	133,363	988,694	*	6,373
1400 CORN	6	0.5	1,060	58,954	*	0
1700 WHEAT	2	0.0	0	7,816	*	0
1800 OTHER SMALL GRAINS	1	0.1	0	12,779	*	0
2000 FORAGE CROPS	11	2.2	44,615	305,880	*	0
2200 COTTONSEED	1	0.0	0	4,657	*	0
2300 SOYBEANS	7	0.5	1,060	67,165	*	0
2400 PEANUTS	2	0.0	0	6,677	*	0
2500 OTHER OILSEED CROPS	1	0.1	0	8,450	*	0
2700 SUGAR CROPS	1	0.0	0	307	*	0
2800 MISC NEW CROPS	1	0.4	28,448	76,534	*	0
2900 POULTRY	17	4.4	86,935	561,088	*	11,296
3000 BEEF CATTLE	4	0.3	2,164	51,297	*	0
3100 DAIRY CATTLE	7	1.1	48,123	205,588	*	0
3200 SWINE	6	0.6	4,793	84,488	*	0
3300 SHEEP AND WOOL	2	0.2	2,164	22,761	*	0
3400 OTHER ANIMALS	15	2.3	27,010	559,788	*	0
3600 FARM SUPP & FACILITS	3	1.5	34,429	111,972	*	0
3800 FOOD	23	5.6	184,223	996,550	*	0
3900 HOUSING & EQUIP	11	4.0	21,072	639,958	*	23,149
4000 PEOPLE AS INDIVIDUAL	20	4.2	46,088	719,140	*	16,575
4200 FARM AS BUSINESS	2	0.6	28,163	86,364	*	0
4300 SOC POLIT ORGANIZ	11	2.4	22,890	231,724	*	0
4400 AGRIC ECONOMY U S	1	0.3	5,711	27,197	*	0
4800 MARKETING SYSTEMS	1	0.3	0	28,986	*	12,401
6300 BIO CELL SYSTEMS	3	1.1	0	82,278	*	0
6400 EXP DESIGN/STAT METH	1	0.3	0	23,000	*	0
6500 INVERTEBRATES	10	3.6	73,991	40,691	*	0
6600 MICROORGANISMS, VIRUS	9	2.4	30,668	326,812	*	68,495
6700 PLANTS	15	10.3	303,049	1,178,737	*	184,160
6800 ANIMALS(VERTEBRATES)	4	0.7	19,615	80,081	*	0
7000 RSCH EQUIP & TECHNOL	4	1.9	0	130,925	*	0
TOTAL	377	99.3	1,845,683	13,988,748	*	449,804

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW MEXICO UNIV PARK SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	12	2.7	67,531	165,060	*	0
0200 WATER	7	2.4	61,486	123,558	*	0
0300 WATERSHEDS RIVER EAS	1	0.1	5,453	5,453	*	0
0400 AIR AND CLIMATE	3	1.1	7,557	9,967	*	0
0500 RECREATION RESOURCES	3	0.5	20,971	21,171	*	0
0600 TIMBER FOREST PRODUCT	8	3.7	105,340	335,532	*	0
0700 RANGE	17	5.4	66,976	594,118	*	312,140
0800 WILDLIFE AND FISH	5	0.8	26,862	51,495	*	0
1000 FRUIT NUTS DECIDUCUS	6	1.5	1,579	65,779	*	0
1100 POTATOES	2	0.1	0	3,289	*	0
1200 VEGETABLES	17	4.5	72,516	294,766	*	0
1300 ORNAMENTALS TURF	4	0.6	4,078	33,609	*	0
1400 CORN	7	0.8	7,487	76,084	*	0
1500 GRAIN SORGHUM	11	1.6	6,562	112,239	*	0
1700 WHEAT	8	0.4	2,965	29,647	*	0
1800 OTHER SMALL GRAINS	6	0.4	0	15,225	*	0
1900 PASTURE	2	0.1	402	1,704	*	0
2000 FORAGE CROPS	17	4.7	121,627	384,936	*	0
2100 COTTON	12	4.5	107,367	231,573	*	0
2300 SOYBEANS	2	0.1	0	3,063	*	0
2400 PEANUTS	2	1.1	0	60,857	*	0
2500 OTHER OILSEED CROPS	2	0.2	0	7,275	*	0
2700 SUGAR CROPS	3	0.1	0	6,868	*	0
2800 MISC NEW CROPS	2	2.1	0	56,650	*	0
2900 POULTRY	3	0.5	9,824	63,694	*	0
3000 BEEF CATTLE	27	10.4	271,928	606,924	*	0
3100 DAIRY CATTLE	6	1.2	11,674	37,902	*	0
3300 SHEEP AND WOOL	9	2.3	4,035	91,344	*	0
3400 OTHER ANIMALS	2	0.4	15,702	62,020	*	0
3600 FARM SUPP & FACILITS	1	0.0	48	48	*	0
3800 FOOD	1	0.5	18,109	22,421	*	0
4000 PEOPLE AS INDIVIDUAL	4	1.0	35,756	48,450	*	0
4100 FAMILY MEMBERS	1	0.3	30,163	30,163	*	0
4200 FARM AS BUSINESS	2	0.5	16,319	35,995	*	0
4300 SOC POLIT ORGANIZ	6	1.0	26,070	57,349	*	0
4600 FARM COOPERATIVES	1	0.0	48	48	*	0
4700 OTH MARKET PROCESS	1	0.0	48	48	*	0
4800 MARKETING SYSTEMS	1	0.0	120	120	*	0
6700 PLANTS	7	1.9	91,280	169,408	*	5,397
6800 ANIMALS (VERTEBRATES)	4	1.4	45,962	91,486	*	0
9900 UNCLASSIFIED	1	0.2	9,779	19,614	*	0
TOTAL	236	61.0	1,269,625	4,026,852	*	317,537

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW YORK GENEVA SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	1	0.4	12,160	31,986	*	0
0400 AIR AND CLIMATE	1	0.4	2,354	32,583	*	0
0600 TIMBER FOREST PRODUCT	1	0.1	0	6,402	*	0
0800 WILDLIFE AND FISH	1	0.5	0	25,623	*	0
1000 FRUIT NUTS DECIDUCUS	83	35.9	235,640	2,827,263	*	137,197
1100 POTATOES	4	0.5	578	29,889	*	0
1200 VEGETABLES	53	22.4	256,954	1,734,754	*	130,663
1300 ORNAMENTALS TURF	5	1.0	15,581	93,889	*	0
1800 OTHER SMALL GRAINS	1	0.1	842	6,185	*	0
2000 FORAGE CROPS	4	0.4	19,815	41,791	*	0
2300 SOYBEANS	1	0.1	842	6,185	*	0
2800 MISC NEW CROPS	2	0.4	0	23,591	*	0
3800 FOOD	3	1.7	3,578	105,411	*	0
6200 SEED RESEARCH	9	2.4	11,208	223,483	*	0
6300 BIO CELL SYSTEMS	1	0.2	0	11,371	*	0
6500 INVERTEERATES	1	1.0	0	113,817	*	9,534
6700 PLANTS	1	0.2	0	20,334	*	0
9900 UNCLASSIFIED	1	0.0	19,169	19,169	*	0
TOTAL	173	67.5	578,672	5,353,644	*	277,394

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW YORK ITHACA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CB ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	33	9.2	130,056	959,183	*	61,955
0200 WATER	22	6.6	23,596	518,131	*	518
0300 WATERSHEDS RIVER EAS	3	0.3	5,333	30,113	*	0
0400 AIR AND CLIMATE	5	1.4	20,739	110,327	*	0
0500 RECREATION RESOURCES	5	2.3	27,817	133,843	*	0
0600 TIMBER FOREST PRODUCT	21	5.2	82,895	387,565	*	16,055
0700 RANGE	1	0.2	0	9,804	*	0
0800 WILDLIFE AND FISH	40	7.3	56,359	1,459,413	*	2,364
0900 CITRUS SUB TROP FRUT	1	0.0	5,284	6,882	*	0
1000 FRUIT NUTS DECIDUCUS	26	5.8	140,213	805,158	*	49,749
1100 POTATOES	29	4.8	114,155	1,116,376	*	237,570
1200 VEGETABLES	48	12.1	298,943	1,419,748	*	47,675
1300 ORNAMENTALS TURF	18	5.1	99,719	761,243	*	0
1400 CORN	25	6.7	131,940	709,812	*	1,686
1600 BICE	5	1.1	6,530	68,159	*	8,310
1700 WHEAT	9	1.4	19,535	117,194	*	13,890
1800 OTHER SMALL GRAINS	8	1.3	31,556	119,556	*	14,508
1900 PASTURE	1	0.1	1,664	7,965	*	0
2000 FORAGE CROPS	28	6.4	126,065	684,410	*	25,275
2300 SCYBEANS	6	3.5	28,717	288,092	*	27,980
2500 OTHER OILSEED CROPS	1	0.1	4,619	9,025	*	0
2700 SUGAR CROPS	1	0.6	2,265	69,183	*	0
2800 MISC NEW CROPS	1	0.1	5,059	16,403	*	0
2900 POULTRY	32	12.8	190,874	1,534,480	*	2,305
3000 BEEF CATTLE	27	3.6	201,067	697,184	*	64,237
3100 DAIRY CATTLE	81	25.8	372,745	3,017,614	*	151,386
3200 SWINE	10	1.8	25,713	239,726	*	0
3300 SHEEP AND WOOL	12	1.1	24,965	214,202	*	93
3400 OTHER ANIMALS	25	4.9	48,957	725,760	*	24,027
3500 BEES AND HONEY	3	1.9	6,090	106,828	*	0
3600 FARM SUPP & FACILITS	4	0.8	9,679	185,531	*	0
3700 CLOTHING & TEXTILES	4	0.8	22,300	193,035	*	0
3800 FOOD	31	9.4	108,589	1,070,806	*	131,741
3900 HOUSING & EQUIP	15	4.6	47,176	696,117	*	75,055
4000 PEOPLE AS INDIVIDUAL	52	24.6	151,198	1,924,383	*	57,246
4100 FAMILY MEMBERS	13	15.6	51,816	1,473,325	*	0
4200 FARM AS BUSINESS	10	3.5	69,461	264,986	*	19,659
4300 SOC POLIT ORGANIZ	32	5.2	91,606	736,198	*	168,045
4400 AGRIC ECONOMY U S	2	0.5	13,131	43,180	*	0
4500 AGRIC ECONOMY FORGN	4	1.3	6	102,182	*	19,455
4600 FARM COOPERATIVES	2	0.2	3,475	16,851	*	0
4700 OTM MARKET PROCESS	5	1.1	18,325	65,934	*	0
4800 MARKETING SYSTEMS	5	1.8	20,516	183,049	*	0
6100 WEEDS	1	0.1	6,085	20,787	*	0
6300 BIO CELL SYSTEMS	28	8.3	59,316	1,226,477	*	87,603
6400 EXP DESIGN/STAT METH	7	2.5	30,837	219,198	*	0
6500 INVERTEBRATES	15	4.9	52,006	568,199	*	0
6600 MICROORGANISMS, VIRUS	31	10.9	101,264	1,169,326	*	73,018
6700 PLANTS	24	8.0	58,469	898,667	*	80,624
6800 ANIMALS (VERTEBRATES)	28	14.3	49,653	1,422,357	*	1
6900 RESEARCH ON BSCH MGM	1	0.0	0	174,997	*	9,711
7000 BSCH EQUIP & TECHNOL	5	2.0	8,768	128,417	*	0
9900 UNCLASSIFIED	2	0.0	74,575	74,575	*	0
TOTAL	848	253.6	3,277,276	29,197,958	*	1,471,740

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NORTH CAROLINA RALEIGH SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	32	8.4	135,404	957,799	*	30,999
0200 WATER	15	5.4	91,833	645,991	*	78,667
0300 WATERSHEDS RIVER LAS	2	0.9	36,474	62,047	*	0
0500 RECREATION RESOURCES	5	1.1	29,656	270,383	*	186,196
0600 TIMBER FOREST PRODUCT	46	19.8	353,792	2,331,558	*	157,413
0800 WILDLIFE AND FISH	26	4.6	39,515	753,183	*	3,229
1000 FRUIT NUTS DECIDUCUS	50	15.2	207,422	2,106,208	*	42,521
1100 POTATOES	8	1.3	19,861	183,849	*	523
1200 VEGETABLES	51	15.3	230,198	2,273,168	*	32,233
1300 ORNAMENTALS TURF	26	8.7	171,145	1,032,265	*	29,835
1400 CORN	48	11.1	208,466	1,565,725	*	48,783
1500 GRAIN SORGHUM	2	0.1	271	20,911	*	0
1700 WHEAT	10	1.4	40,941	148,514	*	7,035
1800 OTHER SMALL GRAINS	6	1.2	23,885	98,611	*	204
1900 PASTURE	4	0.0	2,765	61,262	*	0
2000 FORAGE CROPS	21	5.2	81,150	662,288	*	0
2100 COTTON	18	3.7	97,928	535,945	*	43,777
2300 SOYBEANS	59	9.8	370,309	1,709,670	*	152,453
2400 PEANUTS	26	6.8	127,738	993,656	*	28,737
2500 OTHER OILSEED CROPS	1	0.1	78	3,065	*	0
2600 TOBACCO	61	22.8	299,696	3,552,550	*	96,250
2800 MISC NEW CROPS	2	0.2	4,151	27,453	*	0
2900 POULTRY	51	17.8	478,248	2,399,049	*	3,574
3000 BEEF CATTLE	33	6.7	212,270	1,208,258	*	23,944
3100 DAIRY CATTLE	42	13.0	484,885	1,762,546	*	7,995
3200 SWINE	35	8.5	304,508	1,608,979	*	4,027
3300 SHEEP AND WOOL	7	0.5	11,114	145,519	*	0
3400 OTHER ANIMALS	14	2.7	29,374	241,586	*	0
3500 BEES AND HONEY	1	0.5	0	33,819	*	0
3700 CLOTHING & TEXTILES	2	0.7	19,894	38,903	*	0
3800 FOOD	10	2.0	51,755	156,237	*	241
3900 HOUSING & EQUIP	3	0.7	18,652	68,312	*	0
4000 PEOPLE AS INDIVIDUAL	21	5.2	98,892	812,289	*	12,321
4100 FAMILY MEMBERS	8	2.9	80,162	158,269	*	4,772
4200 FARM AS BUSINESS	5	0.7	15,031	55,490	*	0
4300 SOC POLIT ORGANIZ	11	2.8	96,932	231,289	*	2,189
4400 AGRIC ECONOMY U S	1	0.0	154	154	*	0
4700 OTM MARKET PROCESS	1	0.0	0	6,642	*	0
4800 MARKETING SYSTEMS	1	0.3	5,889	14,004	*	0
6100 WEEDS	6	0.6	33,773	184,161	*	4,083
6200 SEED RESEARCH	1	0.0	0	9,879	*	0
6300 BIO CELL SYSTEMS	16	4.1	23,643	493,879	*	10,423
6400 EXP DESIGN/STAT METH	4	0.4	1,887	26,014	*	0
6500 INVERTEBRATES	18	5.2	30,476	627,382	*	0
6600 MICROORGANISMS, VIRUS	14	1.6	32,532	196,910	*	0
6700 PLANTS	34	9.2	138,269	1,458,607	*	145,609
6800 ANIMALS (VERTEBRATES)	28	5.9	75,086	992,552	*	23
7000 BSCH EQUIP & TECHNOL	2	0.1	0	32,598	*	6,137
9900 UNCLASSIFIED	1	0.0	2,722	2,722	*	0
TOTAL	885	235.3	4,814,822	32,258,149	*	1,164,191

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NORTH DAKOTA FARGO SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SARS SYS 1980	SARS AMOUNT 1980
0100 SOIL AND LAND	35	11.5	113,182	1,139,168	*	165
0200 WATER	25	5.0	65,451	527,890	*	6,335
0300 WATERSHEDS RIVER EAS	3	1.3	3,194	68,641	*	0
0400 AIR AND CLIMATE	6	1.2	29,071	108,929	*	0
0600 TIMBER FOREST PRODUCT	2	1.1	37,938	138,265	*	0
0700 RANGE	13	2.9	48,057	382,912	*	16,665
1000 FRUIT NUTS DECIDUCUS	2	0.7	10,376	61,905	*	0
1100 POTATOES	9	3.1	88,403	397,017	*	0
1200 VEGETABLES	14	2.3	28,164	227,029	*	32,099
1300 ORNAMENTALS TURF	4	0.7	14,382	65,081	*	0
1400 CORN	15	2.0	28,356	189,871	*	0
1700 WHEAT	56	15.2	276,223	1,753,317	*	97,321
1800 OTHER SMALL GRAINS	41	9.0	110,662	868,231	*	7,845
1900 PASTURE	4	0.3	5,508	38,680	*	0
2000 FORAGE CROPS	18	3.0	47,654	446,110	*	2,565
2300 SOYBEANS	7	1.1	12,140	81,382	*	0
2500 OTHER OILSEED CROPS	33	6.9	66,495	769,827	*	19,057
2700 SUGAR CROPS	7	1.3	33,023	215,664	*	3,024
2800 MISC NEW CROPS	8	0.5	2,981	74,995	*	0
2900 POULTRY	2	0.6	20,445	104,766	*	0
3000 BEEF CATTLE	29	7.7	214,052	967,726	*	0
3100 DAIRY CATTLE	10	2.8	45,853	344,890	*	0
3200 SWINE	13	3.6	54,191	488,343	*	14,881
3300 SHEEP AND WOOL	13	3.2	59,910	394,292	*	0
3400 OTHER ANIMALS	1	0.0	589	4,354	*	0
3600 FARM SUPP & FACILITI	3	1.1	16,133	220,026	*	0
3700 CLOTHING & TEXTILES	1	0.1	2,507	7,603	*	0
3800 FOOD	2	0.3	1,461	51,134	*	28
3900 HOUSING & EQUIP	7	0.9	11,990	125,973	*	0
4000 PEOPLE AS INDIVIDUAL	7	0.8	13,105	85,676	*	0
4100 FAMILY MEMBERS	2	0.7	0	50,188	*	0
4200 FARM AS BUSINESS	3	0.8	9,120	76,035	*	0
4300 SOC POLIT ORGANIZ	9	2.1	28,938	231,572	*	0
4400 AGRIC ECONOMY U S	2	0.2	6,597	24,174	*	0
4800 MARKETING SYSTEMS	6	1.8	11,250	113,411	*	279
6100 WEEDS	1	0.1	1,466	4,772	*	0
6300 BIO CELL SYSTEMS	14	3.7	51,716	817,673	*	5,450
6400 EXD DESIGN/STAT METH	3	0.5	3,634	104,390	*	0
6500 INVERTEBRATES	3	0.8	15,091	63,760	*	0
6600 MICROORGANISMS, VIRUS	16	4.4	70,898	352,740	*	560
6700 PLANTS	16	6.3	25,386	1,061,783	*	20,722
6800 ANIMALS (VERTEBRATES)	7	4.7	976	633,375	*	2,577
TOTAL	472	116.2	1,686,235	13,883,565	*	229,573

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - OHIO WOOSTER SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SARS SYS 1980	SARS AMOUNT 1980
0100 SOIL AND LAND	37	8.5	236,172	1,133,910	*	16,575
0200 WATER	20	3.3	93,630	688,245	*	0
0300 WATERSHEDS RIVER EAS	2	0.3	0	116,380	*	0
0400 AIR AND CLIMATE	3	0.2	5,871	62,956	*	1,327
0500 RECREATION RESOURCES	4	0.6	6,423	52,015	*	0
0600 TIMBER FOREST PRODUCT	30	9.5	246,987	997,592	*	26,744
0800 WILDLIFE AND FISH	3	1.2	15,865	84,747	*	0
1000 FRUIT NUTS DECIDUCUS	20	5.0	231,024	843,809	*	4,268
1100 POTATOES	5	1.7	46,099	248,575	*	0
1200 VEGETABLES	35	8.2	296,271	1,307,938	*	0
1300 ORNAMENTALS TURF	26	7.5	189,225	991,414	*	15,880
1400 CORN	32	8.4	346,667	1,403,114	*	27,684
1700 WHEAT	12	1.3	86,030	358,799	*	1,638
1800 OTHER SMALL GRAINS	3	0.2	14,596	59,663	*	0
1900 PASTURE	4	0.9	41,440	198,683	*	7,337
2000 FORAGE CROPS	11	2.1	83,693	459,727	*	33,250
2300 SOYBEANS	39	9.6	326,192	1,840,611	*	66,331
2500 OTHER OILSEED CROPS	1	0.0	0	6,381	*	6,000
2600 TOBACCO	1	0.5	0	55,474	*	0
2700 SUGAR CROPS	6	1.1	13,586	151,233	*	0
2900 POULTRY	19	6.7	292,292	1,146,140	*	0
3000 BEEF CATTLE	15	5.8	218,781	1,580,167	*	12,373
3100 DAIRY CATTLE	35	10.3	398,952	1,694,841	*	59,794
3200 SWINE	18	7.9	257,907	1,471,892	*	28,989
3300 SHEEP AND WOOL	6	2.8	80,306	646,731	*	2,856
3400 OTHER ANIMALS	2	0.3	12,124	44,708	*	0
3500 BEES AND HONEY	1	0.2	16,876	43,501	*	0
3600 FARM SUPP & FACILITI	4	0.9	21,042	93,962	*	0
3700 CLOTHING & TEXTILES	3	0.7	15,627	49,048	*	0
3800 FOOD	14	0.8	26,535	94,348	*	0
3900 HCUSING & EQUIP	3	0.5	9,197	119,724	*	45,609
4000 PEOPLE AS INDIVIDUAL	16	3.0	73,936	318,129	*	0
4100 FAMILY MEMBERS	13	2.8	55,793	288,299	*	0
4200 FARM AS BUSINESS	6	0.7	27,069	89,953	*	0
4300 SOC POLIT ORGANIZ	11	2.7	79,089	197,765	*	0
4400 AGRIC ECONOMY U S	2	0.3	14,783	34,191	*	0
4700 OTH MARKET PROCESS	2	0.4	13,801	39,992	*	0
4800 MARKETING SYSTEMS	4	0.8	33,767	91,164	*	0
6500 INVERTEBRATES	2	0.8	23,082	74,372	*	0
6600 MICROORGANISMS, VIRUS	1	0.3	11,249	29,258	*	0
6700 PLANTS	11	1.6	65,153	524,023	*	330,713
6800 ANIMALS(VERTEBRATES)	6	0.7	30,205	106,722	*	24,535
7000 RSCH EQUIP & TECHNOL	1	0.1	1,922	15,810	*	0
9900 UNCLASSIFIED	1	0.0	22,085	177,643	*	27,870
TOTAL	490	121.3	4,080,941	19,835,607	*	739,732

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - OKLAHOMA STILLWATER SAKS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAKS SY'S 1980	SAKS AMOUNT 1980
0100 SOIL AND LAND	12	1.9	31,233	242,372	*	40,674
0200 WATER	12	3.8	39,530	353,125	*	0
0300 WATERSHEDS RIVER BAS	2	0.4	4,658	19,456	*	0
0500 RECREATION RESOURCES	2	0.3	36	52,909	*	11,980
0600 TIMBER FOREST PRODUCT	16	4.6	139,573	342,988	*	0
0700 RANGE	6	2.7	11,262	189,786	*	15,426
0800 WILDLIFE AND FISH	2	0.0	804	9,290	*	7,125
1000 FRUIT NUTS DECIDUCUS	7	1.4	6,559	154,143	*	0
1200 VEGETABLES	5	1.1	3,336	110,176	*	0
1300 ORNAMENTALS TURF	10	2.7	14,083	208,555	*	0
1400 CORN	6	0.7	6,218	75,862	*	0
1500 GRAIN SONGHUM	17	2.0	80,994	295,821	*	0
1700 WHEAT	32	7.9	94,925	787,607	*	0
1800 OTHER SMALL GRAINS	10	1.4	8,627	100,690	*	0
1900 PASTURE	8	1.3	28,691	146,402	*	0
2000 FORAGE CROPS	22	7.1	136,681	628,692	*	69,159
2100 COTTON	13	3.8	185,617	438,297	*	0
2300 SOYBEANS	6	1.1	18,669	156,261	*	0
2400 PEANUTS	11	2.0	13,004	338,966	*	1,036
2800 MISC NEW CROPS	2	0.4	0	36,189	*	0
2900 POULTRY	2	0.7	35,701	50,786	*	0
3000 BEEF CATTLE	50	12.2	558,255	2,104,687	*	333,622
3100 DAIRY CATTLE	18	2.8	85,596	332,089	*	1,537
3200 SWINE	12	1.1	155,318	399,586	*	2,879
3300 SHEEP AND WOOL	6	0.7	10,272	142,577	*	17,204
3400 OTHER ANIMALS	2	0.3	8,301	11,330	*	0
3500 BEES AND HONEY	1	0.0	0	483	*	0
3600 FARM SUPP & FACILITS	4	1.9	17,098	97,045	*	0
3800 FOOD	4	1.0	4,449	95,328	*	2
3900 HOUSING & EQUIP	5	0.9	0	41,325	*	0
4000 PEOPLE AS INDIVIDUAL	11	0.6	29,642	87,780	*	0
4100 FAMILY MEMBERS	2	0.1	6,997	11,627	*	0
4200 FARM AS BUSINESS	13	4.0	100,430	230,925	*	66,172
4300 SOC POLIT ORGANIZ	7	1.2	54,984	84,760	*	532
4400 AGRIC ECONOMY U S	4	0.9	48,938	81,618	*	127
4700 OTH MARKET PROCESS	1	0.1	15,226	30,119	*	0
4800 MARKETING SYSTEMS	4	1.5	18,307	129,702	*	65,498
6100 WEEDS	1	0.1	12,435	40,224	*	0
6300 BIO CELL SYSTEMS	6	3.2	33,632	365,310	*	0
6500 INVERTEBRATES	4	1.9	1,931	181,087	*	5,272
6600 MICROORGANISMS, VIRUS	1	0.2	0	7,787	*	0
6700 PLANTS	13	2.0	12,478	202,911	*	21,100
6800 ANIMALS(VERTEBRATES)	11	2.3	88,358	271,707	*	2,172
6900 RESEARCH ON RSCH RGM	1	0.5	0	24,477	*	0
9900 UNCLASSIFIED	5	1.5	237,841	363,421	*	0
TOTAL	389	88.4	2,360,688	10,078,105	*	661,516

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - OREGON CORVALLIS SAKS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAKS SY'S 1980	SAKS AMOUNT 1980
0100 SOIL AND LAND	26	4.6	73,058	1,236,376	*	138,418
0200 WATER	14	2.7	33,666	792,680	*	16,009
0300 WATERSHEDS RIVER BAS	2	0.5	0	32,073	*	1,357
0400 AIR AND CLIMATE	2	1.6	0	445,650	*	7,071
0500 RECREATION RESOURCES	1	0.1	3,863	13,767	*	0
0600 TIMBER FOREST PRODUCT	14	3.4	23,649	342,151	*	0
0700 RANGE	12	3.7	25,537	316,117	*	19,560
0800 WILDLIFE AND FISH	41	10.6	85,286	1,599,208	*	53,826
1000 FRUIT NUTS DECIDUCUS	44	19.8	283,280	1,847,264	*	60,317
1100 POTATOES	17	3.5	21,685	306,928	*	7,612
1200 VEGETABLES	32	10.8	134,252	898,970	*	0
1300 ORNAMENTALS TURF	16	4.3	64,950	413,347	*	9,322
1400 CORN	4	0.4	0	42,835	*	0
1500 GRAIN SONGHUM	1	0.2	0	22,053	*	0
1700 WHEAT	27	5.1	65,660	959,376	*	16,882
1800 OTHER SMALL GRAINS	16	2.7	13,695	343,190	*	1,659
1900 PASTURE	6	0.8	1,719	100,915	*	0
2000 FORAGE CROPS	33	8.1	60,261	883,255	*	13,603
2300 SOYBEANS	2	1.0	0	65,176	*	56,065
2500 OTHER OILSEED CROPS	1	0.3	0	149,355	*	24,884
2800 MISC NEW CROPS	13	1.3	37,329	249,064	*	1,659
2900 POULTRY	12	3.3	184,103	577,776	*	0
3000 BEEF CATTLE	34	11.7	183,350	1,542,247	*	130,771
3100 DAIRY CATTLE	16	3.3	85,639	810,253	*	25,345
3200 SWINE	10	1.6	26,028	394,334	*	0
3300 SHEEP AND WOOL	14	3.2	38,471	611,255	*	2,761
3400 OTHER ANIMALS	11	2.4	30,447	277,665	*	37,751
3500 BEES AND HONEY	3	1.4	39,087	115,108	*	12,934
3600 FARM SUPP & FACILITS	1	0.0	0	21	*	0
3800 FOOD	10	6.0	115,006	1,107,366	*	11,150
3900 HOUSING & EQUIP	2	0.1	151	3,558	*	0
4000 PEOPLE AS INDIVIDUAL	14	2.3	60,934	298,442	*	50,017
4100 FAMILY MEMBERS	5	0.6	21,628	59,384	*	14,756
4200 FARM AS BUSINESS	3	0.7	1,757	98,862	*	1,841
4300 SOC POLIT ORGANIZ	11	3.7	50,990	352,294	*	70,842
4400 AGRIC ECONOMY U S	1	0.6	0	35,278	*	175
4600 FARM COOPERATIVES	1	0.1	0	5,515	*	0
6100 WEEDS	2	0.5	17,495	39,536	*	0
6200 SEED RESEARCH	1	0.2	0	56,860	*	0
6300 BIO CELL SYSTEMS	4	1.1	708	191,222	*	0
6400 EXP DESIGN/STAT METH	5	0.3	3,743	132,575	*	0
6500 INVERTEBRATES	6	2.4	35,155	338,108	*	0
6600 MICROORGANISMS, VIRUS	6	6.0	30,413	562,654	*	0
6700 PLANTS	17	4.3	37,721	601,753	*	5,858
6800 ANIMALS(VERTEBRATES)	9	4.6	642	713,516	*	640
6900 RESEARCH ON RSCH RGM	1	0.1	2,987	6,215	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	0	20,698	*	0
9900 UNCLASSIFIED	1	0.0	27,888	29,891	*	0
TOTAL	525	145.8	1,882,229	20,038,156	*	793,041

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - PENNSYLVANIA COLLEGE PARK SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADNSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COW/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	22	5.2	191,113	505,790	*	3,438
0200 WATER	6	1.3	37,513	80,242	*	2,865
0300 WATERSHEDS RIVER EAS	5	0.5	23,310	243,371	*	2,959
0400 AIR AND CLIMATE	1	0.2	2,872	19,829	*	0
0500 RECREATION RESOURCES	2	0.5	13,529	40,095	*	0
0600 TIMBER FOREST PRODUCT	23	7.0	266,056	565,421	*	15,806
0800 WILDLIFE AND FISH	15	2.9	108,697	420,622	*	15,337
1000 FRUIT NUTS DECIDUCUS	30	10.7	355,833	1,226,482	*	4,454
1100 POTATOES	6	1.2	51,830	221,619	*	12,878
1200 VEGETABLES	19	8.2	232,358	890,451	*	29,163
1300 ORNAMENTALS TURF	21	7.7	147,619	621,788	*	0
1400 CORN	16	4.6	180,957	463,340	*	2,700
1700 WHEAT	7	1.9	35,185	192,465	*	45,205
1800 OTHER SMALL GRAINS	7	1.1	16,298	79,137	*	900
1900 PASTURE	1	0.3	8,884	58,713	*	0
2000 FORAGE CROPS	23	8.7	289,318	897,552	*	109,647
2300 SOYBEANS	1	0.0	1,416	7,705	*	0
2600 TOBACCO	3	0.6	11,708	50,398	*	0
2900 POULTRY	19	10.0	348,218	991,592	*	5,212
3000 BEEF CATTLE	20	3.3	119,139	451,870	*	18,860
3100 DAIRY CATTLE	30	9.4	407,723	1,361,753	*	5,716
3200 SWINE	12	2.3	186,276	488,466	*	0
3300 SHEEP AND WOOL	9	1.0	31,060	181,213	*	49,075
3400 OTHER ANIMALS	10	1.0	61,602	122,073	*	9
3500 BEES AND HONEY	2	0.4	7,897	19,805	*	0
3600 FARM SUPP & FACILITS	5	0.4	5,724	77,018	*	16,492
3800 FOOD	16	3.0	167,322	376,527	*	11,180
3900 HOUSING & EQUIP	3	1.1	45,871	146,555	*	0
4000 PEOPLE AS INDIVIDUAL	17	4.2	125,031	293,338	*	14,571
4100 FAMILY MEMBERS	1	1.1	32,320	77,497	*	0
4200 FARM AS BUSINESS	3	1.5	22,031	73,987	*	299
4300 SOC POLIT ORGANIZ	12	7.8	309,955	709,721	*	12,123
4500 AGRIC ECONOMY FORGN	1	2.9	0	37,125	*	0
4800 MARKETING SYSTEMS	2	3.8	112,496	278,683	*	16,906
6100 WEEDS	1	0.3	14,064	23,502	*	0
6200 SEED RESEARCH	1	0.2	12,984	21,359	*	0
6300 BIO CELL SYSTEMS	2	0.5	13,359	22,273	*	0
6500 INVERTEBRATES	4	1.7	36,931	124,849	*	8,473
6600 MICROORGANISMS, VIRUS	8	1.7	81,363	108,828	*	0
6700 PLANTS	23	4.2	117,555	517,043	*	261,005
6800 ANIMALS(VERTEBRATES)	10	1.3	45,904	215,295	*	114,799
7000 RSCH EQUIP & TECHNOL	5	0.8	27,284	64,293	*	0
9900 UNCLASSIFIED	1	1.2	120,960	315,619	*	18,105
TOTAL	425	127.0	4,328,560	13,685,263	*	798,257

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - PUERTO RICO RIO PIEDRAS SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADNSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COW/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	5	2.1	23,923	132,307	*	0
0200 WATER	3	1.0	11,823	54,775	*	0
0400 AIR AND CLIMATE	1	0.4	0	21,478	*	0
0800 WILDLIFE AND FISH	1	0.2	18,339	46,418	*	0
0900 CITRUS SUB TROP FEUT	29	16.9	387,087	1,162,824	*	1,326
1100 POTATOES	1	0.2	0	6,929	*	0
1200 VEGETABLES	37	20.8	558,199	1,786,023	*	1,699
1300 ORNAMENTALS TURF	7	2.0	79,378	183,859	*	0
1400 CORN	6	1.0	32,081	99,313	*	0
1500 GRAIN SOYGHUM	1	0.4	21,558	46,822	*	0
1600 RICE	6	2.3	56,600	202,955	*	0
1900 PASTURE	6	3.0	183,385	399,750	*	497
2000 FORAGE CROPS	7	4.5	184,061	772,932	*	0
2300 SOYBEANS	2	0.7	21,558	74,971	*	0
2600 TOBACCO	2	0.1	782	6,998	*	0
2700 SUGAR CROPS	20	16.3	600,078	1,771,510	*	622
2800 MISC NEW CROPS	15	4.6	135,886	373,561	*	0
2900 POULTRY	3	0.4	0	38,960	*	0
3000 BEEF CATTLE	4	1.7	48,566	186,298	*	26,453
3100 DAIRY CATTLE	5	3.9	238,957	554,409	*	0
3200 SWINE	1	0.0	0	477	*	0
3800 FOOD	2	4.5	204,448	445,461	*	0
4000 PEOPLE AS INDIVIDUAL	3	1.1	45,987	98,275	*	0
4100 FAMILY MEMBERS	1	0.4	19,319	37,498	*	0
4200 FARM AS BUSINESS	3	2.9	83,372	171,468	*	0
4300 SOC POLIT ORGANIZ	2	0.6	31,819	66,032	*	0
4400 AGRIC ECONOMY U S	1	0.1	8,071	18,852	*	0
6500 INVERTEBRATES	2	0.7	0	52,899	*	0
6700 PLANTS	3	3.0	70,642	191,450	*	0
6900 RESEARCH ON RSCH MGM	1	0.0	801	801	*	0
TOTAL	178	95.6	3,026,318	9,002,306	*	30,598

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - RHODE ISLAND KINGSTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SAE'S AMOUNT 1980
0100 SOIL AND LAND	5	1.0	26,108	116,978	*	207
0200 WATER	5	1.0	26,108	116,978	*	207
0300 WATERSHEDS RIVER EAS	1	0.0	0	207	*	207
0400 AIR AND CLIMATE	1	0.5	0	3,257	*	0
0500 RECREATION RESOURCES	1	0.8	3,666	86,575	*	0
0600 TIMBER FOREST PRODUCT	5	4.7	160,377	221,393	*	207
0800 WILDLIFE AND FISH	15	6.4	124,753	594,581	*	207
0900 CITRUS SUB TROP FRUIT	2	0.7	9,505	42,051	*	0
1000 FRUIT NUTS DECIDUCOUS	2	0.3	17,539	64,460	*	207
1100 POTATOES	1	0.8	0	46,440	*	25,000
1200 VEGETABLES	3	1.0	53,051	128,074	*	0
1300 ORNAMENTALS TURF	6	5.1	161,245	384,747	*	0
1400 CORN	1	0.0	0	207	*	207
1900 PASTURE	1	0.0	0	103	*	103
2000 FORAGE CROPS	2	0.5	15,259	116,197	*	103
2900 POULTRY	4	1.0	54,950	107,021	*	207
3100 DAIRY CATTLE	1	0.0	0	1,054	*	0
3400 OTHER ANIMALS	2	0.4	27,298	37,323	*	0
3800 FOOD	4	1.7	57,282	234,891	*	0
3900 HOUSING & EQUIP	1	0.0	0	207	*	207
4000 PEOPLE AS INDIVIDUAL	4	1.3	28,868	94,361	*	0
4300 SOC POLIT ORGANIZ	1	1.4	40,757	103,432	*	0
4400 AGRIC ECONOMY U S	1	0.5	9,482	16,871	*	0
6400 EXP DESIGN/STAT METH	1	0.8	5,369	42,045	*	0
6500 INVERTEBRATES	1	0.5	7,290	11,562	*	0
6700 PLANTS	3	1.2	64,842	129,762	*	0
6800 ANIMALS(VERTEBRATES)	1	0.2	3,645	5,781	*	0
9900 UNCLASSIFIED	1	0.0	280	12,011	*	0
TOTAL	76	31.7	897,634	2,718,568	*	27,065

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SOUTH CAROLINA CLEMSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SIS 1980	WITH SAE'S AMOUNT 1980
0100 SOIL AND LAND	12	2.0	62,850	296,299	*	0
0200 WATER	9	1.2	65,038	164,947	*	0
0300 WATERSHEDS RIVER EAS	1	0.2	7,668	19,155	*	0
0400 AIR AND CLIMATE	1	0.1	5,171	8,529	*	0
0600 TIMBER FOREST PRODUCT	4	0.5	9,673	41,496	*	0
0800 WILDLIFE AND FISH	8	2.4	50,919	237,143	*	0
1000 FRUIT NUTS DECIDUCOUS	32	8.8	172,866	978,626	*	0
1200 VEGETABLES	27	8.5	77,282	1,067,404	*	0
1300 ORNAMENTALS TURF	17	3.8	139,858	420,625	*	0
1400 CORN	22	4.4	68,691	392,496	*	0
1500 GRAIN SORGHUM	2	0.1	0	17,793	*	0
1700 WHEAT	6	0.6	26,319	93,199	*	0
1800 OTHER SMALL GRAINS	5	0.4	16,690	104,933	*	0
1900 PASTURE	3	0.3	20,623	69,888	*	0
2000 FORAGE CROPS	13	4.3	71,282	431,880	*	0
2100 COTTON	10	2.6	45,948	329,345	*	0
2300 SOYBEANS	38	10.9	276,312	1,185,057	*	0
2400 PEANUTS	5	0.3	18,498	58,233	*	0
2500 OTHER OILSEED CROPS	3	1.2	5,680	87,646	*	0
2600 TOBACCO	11	4.0	13,121	502,342	*	0
2700 SUGAR CROPS	1	0.1	1,857	4,549	*	0
2800 MISC NEW CROPS	1	0.0	0	5,653	*	0
2900 POULTRY	23	4.5	183,919	655,232	*	18,363
3000 BEEF CATTLE	25	6.1	295,996	1,219,860	*	0
3100 DAIRY CATTLE	27	4.9	227,234	1,303,520	*	0
3200 SWINE	24	3.2	64,812	382,017	*	0
3300 SHEEP AND WOOL	4	0.3	26,561	95,089	*	0
3400 OTHER ANIMALS	9	0.9	31,853	154,510	*	0
3700 CLOTHING & TEXTILES	1	0.0	5,254	18,312	*	0
3800 FOOD	10	0.9	54,160	215,203	*	0
3900 HOUSING & EQUIP	6	0.8	17,529	89,475	*	0
4000 PEOPLE AS INDIVIDUAL	13	1.1	58,001	143,750	*	0
4100 FAMILY MEMBERS	3	0.2	9,447	24,172	*	0
4200 FARM AS BUSINESS	10	2.7	68,420	199,380	*	0
4300 SOC POLIT ORGANIZ	5	2.0	56,588	187,173	*	0
4400 AGRIC ECONOMY U S	3	0.6	14,768	25,410	*	0
4600 FARM COOPERATIVES	1	0.1	4,688	7,915	*	0
4700 OTH MARKET PROCESS	1	0.1	0	24,802	*	0
4800 MARKETING SYSTEMS	1	0.1	0	24,802	*	0
6300 BIO CELL SYSTEMS	1	0.0	647	933	*	0
6400 EXP DESIGN/STAT METH	1	1.4	0	130,705	*	0
6500 INVERTEBRATES	6	1.0	11,264	140,673	*	0
6600 MICROORGANISMS, VIBUS	2	0.3	8,174	31,498	*	0
6700 PLANTS	12	1.4	29,927	232,178	*	15,817
6800 ANIMALS(VERTEBRATES)	6	0.3	3,425	67,877	*	1,190
9900 UNCLASSIFIED	1	0.0	24,635	227,665	*	203,030
TOTAL	434	89.4	2,373,244	12,119,387	*	238,400

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SOUTH DAKOTA BROOKINGS SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CO/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	10	5.5	103,601	358,781	*	2,997
0200 WATER	13	5.4	53,504	290,643	*	0
0400 AIR AND CLIMATE	2	0.7	17,607	35,728	*	0
0500 RECREATION RESOURCES	2	0.4	9,117	51,573	*	0
0600 TIMBER FOREST PRODUCT	10	3.2	73,653	153,302	*	0
0700 RANGE	6	4.0	42,286	162,767	*	34,538
0800 WILDLIFE AND FISH	8	1.9	28,879	193,037	*	0
1000 FRUIT NUTS DECIDUCUS	4	0.8	28,186	47,035	*	0
1100 POTATOES	1	0.1	2,657	3,948	*	0
1200 VEGETABLES	8	1.2	32,883	58,503	*	0
1300 ORNAMENTALS TURF	5	1.7	4,120	22,847	*	0
1400 CORN	13	2.9	54,832	176,884	*	0
1500 GRAIN SORGHUM	3	0.4	6,606	22,510	*	0
1700 WHEAT	18	5.7	150,582	396,758	*	15,607
1800 OTHER SMALL GRAINS	11	4.0	36,041	227,477	*	0
1900 PASTURE	1	0.1	879	7,958	*	0
2000 FORAGE CROPS	16	4.8	107,984	273,556	*	0
2300 SOYBEANS	9	1.7	14,128	82,986	*	0
2500 OTHER OILSEED CROPS	8	2.6	68,014	151,773	*	0
2800 MISC NEW CROPS	2	0.2	0	12,718	*	0
2900 POULTRY	8	2.3	88,254	159,944	*	0
3000 BEEF CATTLE	36	18.8	320,262	985,097	*	117,457
3100 DAIRY CATTLE	11	4.8	136,587	289,515	*	0
3200 SWINE	18	7.8	157,772	423,189	*	31,156
3300 SHEEP AND WOOL	13	2.7	71,892	169,173	*	0
3400 OTHER ANIMALS	5	2.8	21,360	48,194	*	0
3600 FARM SUPP & FACILITS	2	0.6	7,907	32,307	*	0
3700 CLOTHING & TEXTILES	3	1.9	20,404	58,159	*	0
3800 FOOD	2	0.5	6,850	12,332	*	0
3900 HOUSING & EQUIP	5	2.3	9,334	114,299	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.2	22,114	47,227	*	0
4200 FARM AS BUSINESS	2	1.7	0	39,346	*	0
4300 SOC POLIT ORGANIZ	9	3.9	46,929	207,321	*	0
4800 MARKETING SYSTEMS	2	1.2	6,273	31,803	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	1,216	*	0
6600 MICROORGANISMS, VIRUS	1	0.2	7,501	22,022	*	0
6700 PLANTS	13	6.7	15,044	673,125	*	0
6800 ANIMALS (VERTEBRATES)	3	0.1	0	80,604	*	0
9900 UNCLASSIFIED	1	0.0	18,321	216,244	*	0
TOTAL	287	106.9	1,788,321	6,341,900	*	201,751

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - TENNESSEE KNOXVILLE SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CO/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	9	4.5	172,068	389,030	*	113
0200 WATER	3	0.7	22,820	61,197	*	0
0300 WATERSHEDS RIVER BAS	2	1.0	31,474	74,383	*	0
0400 AIR AND CLIMATE	1	0.3	8,500	36,862	*	0
0500 RECREATION RESOURCES	3	0.7	21,858	69,910	*	18,674
0600 TIMBER FOREST PRODUCT	17	5.9	210,714	699,628	*	18,008
0800 WILDLIFE AND FISH	7	2.8	77,062	331,588	*	1,422
1000 FRUIT NUTS DECIDUCUS	7	1.9	90,791	229,937	*	0
1100 POTATOES	1	0.0	0	3,623	*	0
1200 VEGETABLES	11	5.3	158,533	464,980	*	0
1300 ORNAMENTALS TURF	9	5.6	149,711	533,868	*	0
1400 CORN	15	5.5	141,521	510,833	*	0
1500 GRAIN SORGHUM	2	0.4	3,926	40,182	*	0
1700 WHEAT	5	1.6	40,598	137,461	*	0
1800 OTHER SMALL GRAINS	4	0.9	27,074	103,014	*	0
1900 PASTURE	2	0.3	2,167	21,799	*	0
2000 FORAGE CROPS	12	5.6	187,269	652,556	*	0
2100 COTTON	17	7.6	195,877	654,996	*	0
2200 COTTONSEED	1	0.1	3,338	5,933	*	0
2300 SOYBEANS	21	7.6	192,578	684,011	*	13,106
2400 PEANUTS	1	0.1	3,338	5,933	*	0
2500 OTHER OILSEED CROPS	2	0.1	3,763	10,281	*	0
2600 TOBACCO	7	4.0	101,945	455,236	*	0
2700 SUGAR CROPS	1	0.2	4,717	10,229	*	0
2800 MISC NEW CROPS	1	0.2	8,000	14,650	*	0
2900 BOAT TRAIL	10	2.5	114,768	324,933	*	0
3000 BEEF CATTLE	31	19.5	446,661	3,427,927	*	56,105
3100 DAIRY CATTLE	15	10.0	247,792	2,538,057	*	33,799
3200 SWINE	20	10.8	158,907	1,410,964	*	0
3300 SHEEP AND WOOL	5	0.8	5,962	95,466	*	33,460
3400 OTHER ANIMALS	4	1.9	12,950	230,248	*	0
3700 CLOTHING & TEXTILES	1	0.4	20,324	31,563	*	0
3800 FOOD	17	3.9	187,315	390,763	*	0
3900 HOUSING & EQUIP	3	0.6	13,584	40,013	*	0
4000 PEOPLE AS INDIVIDUAL	13	3.7	108,754	227,037	*	0
4100 FAMILY MEMBERS	6	2.1	64,243	131,628	*	0
4200 FARM AS BUSINESS	8	2.3	85,447	149,634	*	0
4300 SOC POLIT ORGANIZ	4	1.5	41,545	88,871	*	0
4400 AGRIC ECONOMY U S	2	0.2	3,085	7,833	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	1,081	3,668	*	0
4800 MARKETING SYSTEMS	1	0.1	4,480	7,213	*	0
6100 WEEDS	1	0.0	0	1,384	*	1,312
6300 BIO CELL SYSTEMS	1	0.9	37,449	58,153	*	0
6600 MICROORGANISMS, VIRUS	1	0.7	23,075	38,121	*	0
6700 PLANTS	6	1.3	22,920	139,381	*	5,540
6800 ANIMALS (VERTEBRATES)	4	0.2	7,920	14,464	*	1,243
9900 UNCLASSIFIED	2	0.0	20,018	20,018	*	0
TOTAL	317	125.8	3,487,820	15,570,976	*	182,783

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - TEXAS				COLLEGE STATION	SAES	
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GBOSS) 1980	TOTAL FUNDS (GBOSS) 1980	USDA COM/GT/CA WITH SAES SXS 1980	AMOUNT 1980
0100 SOIL AND LAND	45	12.3	136,355	1,183,472	*	23,690
0200 WATER	37	11.1	233,460	1,185,959	*	46,138
0300 WATERSHEDS RIVER BAS	7	0.7	30,226	102,028	*	11,204
0400 AIR AND CLIMATE	7	1.2	36,805	102,896	*	0
0500 RECREATION RESOURCES	8	4.2	41,611	255,113	*	1,162
0600 TIMBER FOREST PRODUCT	27	6.0	141,084	1,237,591	*	135,763
0700 RANGE	38	12.2	183,461	1,448,026	*	96,358
0800 WILDLIFE AND FISH	38	9.5	149,742	1,716,535	*	45,101
0900 CITRUS SUB TROP FRUT	13	4.9	35,255	358,047	*	14,357
1000 FRUIT NUTS DECIDUCUS	31	7.6	107,755	937,950	*	5,315
1100 POTATOES	4	1.0	18,150	81,268	*	0
1200 VEGETABLES	41	14.6	215,870	1,540,923	*	17,379
1300 ORNAMENTALS TURF	19	7.3	62,321	711,445	*	0
1400 CORN	24	3.3	52,041	341,552	*	27,892
1500 GRAIN SORGHUM	55	19.2	180,067	1,561,640	*	14,295
1600 RICE	15	5.5	92,226	591,762	*	1,851
1700 WHEAT	23	6.0	80,656	518,742	*	29,505
1800 OTHER SMALL GRAINS	13	3.8	24,812	219,353	*	0
1900 PASTURE	12	3.8	43,900	369,428	*	0
2000 FORAGE CROPS	38	14.2	198,146	1,385,700	*	0
2100 COTTO	59	20.5	481,013	2,936,941	*	93,242
2200 COTTONSEED	7	0.9	9,827	130,561	*	0
2300 SOYBEANS	21	6.3	94,732	515,402	*	14,698
2400 PEANUTS	25	9.3	85,105	974,120	*	17,260
2500 OTHER OILSEED CROPS	6	1.5	15,273	151,603	*	0
2700 SUGAR CROPS	10	5.1	70,244	477,932	*	655
2800 HISC NEW CROPS	6	0.9	6,739	101,274	*	28,407
2900 POULTRY	22	11.0	59,999	1,222,809	*	9,897
3000 BEEF CATTLE	86	24.8	758,375	3,681,086	*	263,188
3100 DAIRY CATTLE	36	5.6	204,582	825,839	*	70,256
3200 SWINE	10	1.0	27,547	189,329	*	0
3300 SHEEP AND WOOL	27	5.1	60,612	612,487	*	39,638
3400 OTHER ANIMALS	31	4.8	71,315	645,541	*	54,794
3500 BEES AND HONEY	1	0.0	0	8,962	*	0
3600 FARM SUPP & FACILITS	3	0.0	87	16,709	*	1,835
3800 FOOD	14	6.2	54,225	297,405	*	49,106
3900 HOUSING & EQUIP	9	1.3	19,110	163,418	*	3,403
4000 PEOPLE AS INDIVIDUAL	16	2.8	137,982	312,443	*	6,634
4100 FAMILY MEMBERS	4	0.7	36,253	41,712	*	0
4200 FARM AS BUSINESS	7	2.4	105,198	183,097	*	3,250
4300 SOC POLIT ORGANIZ	13	1.1	62,876	218,269	*	0
4400 AGRIC ECONOMY U S	3	1.2	13,669	255,271	*	15,651
4500 AGRIC ECONOMY FORGN	1	0.0	0	6,552	*	0
4600 FARM COOPERATIVES	2	0.1	356	23,477	*	1,939
4700 OTH MARKET PROCESS	2	0.0	937	8,925	*	1,340
4800 MARKETING SYSTEMS	6	1.2	7,602	131,880	*	22,559
6100 WEEDS	3	0.2	1,356	15,213	*	0
6200 SEED RESEARCH	2	0.6	6,269	45,941	*	0
6300 BIO CELL SYSTEMS	6	1.3	6,810	160,771	*	0
6400 EXP DESIGN/STAT METH	1	0.3	1,058	8,548	*	0
6500 INVERTEBRATES	4	0.9	6,333	150,067	*	0
6600 MICROORGANISMS, VIRUS	2	0.8	0	42,406	*	0
6700 PLANTS	18	4.3	100,884	537,185	*	20,976
6800 ANIMALS (VERTEBRATES)	9	0.7	3,059	87,409	*	218
7000 RSCH EQUIP & TECHNOL	3	0.1	4,589	12,656	*	488
9900 UNCLASSIFIED	2	2.4	56,975	324,314	*	0
TOTAL	972	273.6	4,655,333	31,562,939	*	1,189,441

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - UTAH				LOGAN	SAES	
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GBOSS) 1980	TOTAL FUNDS (GBOSS) 1980	USDA COM/GT/CA WITH SAES SXS 1980	AMOUNT 1980
0100 SOIL AND LAND	18	4.0	93,455	363,879	*	35,835
0200 WATER	9	2.4	28,182	195,217	*	0
0300 WATERSHEDS RIVER BAS	3	0.8	26,505	77,111	*	6,006
0400 AIR AND CLIMATE	3	0.6	19,982	52,872	*	1,047
0500 RECREATION RESOURCES	3	1.3	33,082	78,506	*	0
0600 TIMBER FOREST PRODUCT	6	0.5	17,944	64,355	*	26,790
0700 RANGE	18	4.6	66,018	518,189	*	17,950
1000 FRUIT NUTS DECIDUCUS	10	2.1	64,430	157,704	*	0
1100 POTATOES	3	0.2	492	22,888	*	0
1200 VEGETABLES	11	2.0	56,470	168,045	*	20,887
1300 ORNAMENTALS TURF	1	0.3	0	113,936	*	3,861
1400 CORN	2	0.2	3,096	17,634	*	5,558
1700 WHEAT	9	2.3	43,633	259,752	*	17,441
1800 OTHER SMALL GRAINS	6	1.5	6,192	128,981	*	15,884
2000 FORAGE CROPS	17	3.3	58,236	281,641	*	36,036
2700 SUGAR CROPS	4	0.0	492	6,486	*	0
2900 POULTRY	8	3.2	85,751	246,959	*	0
3000 BEEF CATTLE	13	6.8	125,079	1,096,144	*	43,990
3100 DAIRY CATTLE	22	7.4	166,524	1,002,383	*	18,705
3200 SWINE	3	0.4	3,201	40,499	*	3,478
3300 SHEEP AND WOOL	10	3.9	66,959	449,031	*	75,536
3400 OTHER ANIMALS	7	3.1	52,730	253,059	*	1,367
3500 BEES AND HONEY	3	0.9	3,740	56,820	*	9,274
3800 FOOD	6	1.7	23,126	222,710	*	81,790
3900 HOUSING & EQUIP	2	0.4	0	21,031	*	0
4000 PEOPLE AS INDIVIDUAL	11	3.8	36,172	416,714	*	81,790
4100 FAMILY MEMBERS	3	0.6	12,055	26,249	*	0
4200 FARM AS BUSINESS	4	1.4	0	68,551	*	5,257
4300 SOC POLIT ORGANIZ	7	3.0	41,400	168,850	*	0
4400 AGRIC ECONOMY U S	2	0.2	4,077	14,701	*	0
6100 WEEDS	1	0.0	0	391	*	0
6300 BIO CELL SYSTEMS	1	0.9	5,083	42,349	*	0
6500 INVERTEBRATES	1	0.8	19,987	42,524	*	0
6600 MICROORGANISMS, VIRUS	1	0.0	0	4,518	*	0
6700 PLANTS	18	4.8	132,710	420,831	*	10,054
6800 ANIMALS (VERTEBRATES)	8	4.6	31,565	325,074	*	21,060
7000 RSCH EQUIP & TECHNOL	2	1.0	0	32,436	*	0
9900 UNCLASSIFIED	1	0.0	2,721	2,721	*	0
TOTAL	253	75.0	1,332,487	7,461,741	*	539,556

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - VERMONT BURLINGTON SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	7	2.8	113,032	176,623	*	2,395
0200 WATER	2	0.3	16,980	24,134	*	0
0400 AIR AND CLIMATE	1	0.3	780	5,504	*	0
0500 RECREATION RESOURCES	1	0.7	17,873	17,873	*	0
0600 TIMBER FOREST PRODUCT	6	2.2	88,215	229,032	*	13,926
1000 FRUIT NUTS DECIDUOUS	8	2.7	126,493	250,169	*	6,663
1100 POTATOES	1	0.2	0	31,204	*	0
1200 VEGETABLES	2	0.3	2,633	35,022	*	0
1300 ORNAMENTALS TURF	3	1.0	45,012	97,211	*	0
1400 CORN	1	0.1	104	1,556	*	0
1700 WHEAT	1	0.4	22,698	29,077	*	0
2000 FORAGE CROPS	4	1.4	28,306	83,894	*	0
2900 POULTRY	5	1.9	46,248	203,357	*	0
3000 BEEF CATTLE	2	0.2	10,965	14,533	*	0
3100 DAIRY CATTLE	17	5.4	165,921	567,835	*	42,725
3300 SHEEP AND WOOL	4	0.2	5,588	29,902	*	0
3400 OTHER ANIMALS	1	0.1	2,206	13,004	*	0
3600 FARM SUPP & FACILITS	1	0.3	6,819	14,323	*	7,045
3700 CLOTHING & TEXTILES	1	0.0	630	630	*	0
3800 FOOD	1	0.5	35,379	50,008	*	0
3900 HOUSING & EQUIP	1	0.2	0	4,082	*	0
4000 PEOPLE AS INDIVIDUAL	7	2.2	97,183	116,959	*	0
4300 SOC POLIT ORGANIZ	2	0.3	13,851	16,180	*	0
6300 BIO CELL SYSTEMS	2	0.8	30,881	89,581	*	0
6600 MICROORGANISMS, VIRUS	1	0.9	30,185	36,912	*	0
6700 PLANTS	4	2.3	75,690	152,967	*	37,641
9900 UNCLASSIFIED	1	0.0	5,771	5,771	*	0
TOTAL	87	27.5	989,281	2,257,343	*	110,394

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - VIRGINIA ISLANDS ST. THOMAS SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SARS AMOUNT 1980
0800 WILDLIFE AND FISH	3	1.4	75,480	88,729	*	0
0900 CITRUS SUB TROP FRUT	1	0.5	11,745	15,921	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.1	1,305	1,769	*	0
1200 VEGETABLES	1	1.2	53,653	77,059	*	0
1500 GRAIN SORGHUM	1	0.2	10,862	14,803	*	0
1900 PASTURE	1	0.4	16,283	22,209	*	0
2000 FORAGE CROPS	1	0.2	10,862	14,803	*	0
3000 BEEF CATTLE	1	0.5	51,013	61,664	*	0
6700 PLANTS	1	0.0	0	2,229	*	2,229
9900 UNCLASSIFIED	1	0.0	13,190	13,190	*	0
TOTAL	12	4.5	244,393	313,176	*	2,229

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - VIRGINIA BLACKSBURG SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	17	11.0	13,140	1,724,002	*	33,395
0200 WATER	8	1.4	12,553	147,613	*	29,979
0300 WATERSHEDS RIVER BAS	2	1.4	32,691	179,860	*	7,790
0500 RECREATION RESOURCES	2	1.1	26,959	195,082	*	59,552
0600 TIMBER FOREST PRODUCT	25	11.4	252,149	2,004,243	*	297,705
0800 WILDLIFE AND FISH	15	2.8	44,786	767,018	*	159,758
1000 FRUIT NUTS DECIDUOUS	20	8.3	109,163	835,228	*	2,547
1200 VEGETABLES	7	2.3	16,656	226,641	*	0
1300 ORNAMENTALS TURF	13	5.4	146,955	488,037	*	1,530
1400 CORN	14	3.3	69,470	356,942	*	14,880
1500 GRAIN SORGHUM	1	0.1	0	10,280	*	388
1700 WHEAT	6	1.4	49,770	131,084	*	912
1800 OTHER SMALL GRAINS	5	1.4	58,461	153,322	*	0
1900 PASTURE	3	0.6	11,456	82,443	*	9,308
2000 FORAGE CROPS	13	6.5	111,811	564,968	*	27,394
2100 COTTON	1	0.1	2,753	14,808	*	0
2300 SOYBEANS	15	5.9	111,625	638,202	*	25,361
2400 PEANUTS	6	3.3	51,848	529,464	*	43,148
2600 TOBACCO	16	7.4	51,402	623,832	*	740
2700 SUGAR CROPS	1	0.2	6,027	15,595	*	0
2800 MISC NEW CROPS	1	0.1	2,716	8,397	*	0
2900 POULTRY	30	9.8	403,560	1,379,822	*	4,119
3000 BEEF CATTLE	39	12.1	330,389	1,486,072	*	28,252
3100 DAIRY CATTLE	31	7.4	399,140	1,230,031	*	16,386
3200 SWINE	18	6.4	88,239	717,922	*	39,797
3300 SHEEP AND WOOL	14	3.3	94,709	427,154	*	18,919
3400 OTHER ANIMALS	6	0.9	10,277	148,188	*	16,241
3700 CLOTHING & TEXTILES	2	0.9	13,348	66,379	*	0
3800 FOOD	6	5.3	110,972	431,137	*	88,129
3900 HOUSING & EQUIP	4	1.6	35,131	178,199	*	43,927
4000 PEOPLE AS INDIVIDUAL	18	5.6	131,735	557,089	*	78,657
4100 FAMILY MEMBERS	2	0.5	12,777	48,215	*	0
4300 SOC POLIT ORGANIZ	3	1.5	35,992	125,251	*	0
4800 MARKETING SYSTEMS	1	0.1	4,698	6,920	*	0
6100 WEEDS	3	0.4	11,323	26,689	*	455
6300 BIO CELL SYSTEMS	5	3.3	50,995	367,350	*	10,509
6500 INVERTEBRATES	4	3.7	70,389	255,039	*	0
6600 MICROORGANISMS, VIRUS	4	10.0	8,525	1,655,457	*	24,637
6700 PLANTS	21	8.5	120,791	723,304	*	38,491
6800 ANIMALS (VERTEBRATES)	7	2.3	35,850	348,319	*	81,801
7000 RSCH EQUIP & TECHNOL	1	0.1	0	37,820	*	0
TOTAL	410	158.8	3,151,229	19,913,014	*	1,186,476

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - WASHINGTON PULLMAN SAKS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	34	9.3	154,803	1,016,050	*	98,941
0200 WATER	13	2.3	37,526	344,512	*	23,623
0300 WATERSHEDS RIVER EAS	1	0.5	0	14,737	*	0
0400 AIR AND CLIMATE	2	0.4	9,292	30,812	*	8,061
0500 RECREATION RESOURCES	2	0.2	368	47,812	*	252
0600 TIMBER FOREST PRODUCT	28	8.7	136,249	1,566,917	*	106,979
0700 RANGE	7	0.7	12,668	138,387	*	7,436
0800 WILDLIFE AND FISH	3	0.4	9,438	69,333	*	22,923
1000 FRUIT NUTS DECIDUCUS	60	24.6	447,480	3,314,188	*	77,039
1100 POTATOES	17	5.5	58,115	748,907	*	11,263
1200 VEGETABLES	49	14.4	226,827	1,822,387	*	138,077
1300 ORNAMENTALS TURF	15	6.1	14,184	607,762	*	552
1400 CORN	3	0.2	293	20,836	*	535
1700 WHEAT	34	6.4	123,484	1,224,346	*	136,102
1800 OTHER SMALL GRAINS	16	2.1	64,250	574,995	*	21,637
1900 PASTURE	1	0.2	0	11,405	*	0
2000 FORAGE CROPS	16	2.6	62,632	464,825	*	64,027
2300 SOYBEANS	4	0.5	0	49,300	*	2,526
2500 OTHER OILSEED CROPS	4	1.0	12,941	119,489	*	0
2700 SUGAR CROPS	2	0.5	0	81,847	*	779
2800 MISC NEW CROPS	13	3.2	47,004	525,768	*	34,825
2900 POULTRY	14	5.4	69,077	793,027	*	0
3000 BEEF CATTLE	26	4.9	199,327	1,024,126	*	45,114
3100 DAIRY CATTLE	25	5.2	156,565	691,017	*	0
3200 SWINE	6	0.6	23,233	276,320	*	0
3300 SHEEP AND WOOL	12	1.3	40,095	199,232	*	4,289
3400 OTHER ANIMALS	6	0.4	5,305	123,901	*	3,773
3500 BEES AND HONEY	3	0.7	32,072	73,181	*	8,092
3800 FOOD	11	3.7	95,633	331,858	*	43,302
3900 HOUSING & EQUIP	5	0.9	14,719	128,200	*	1,065
4000 PEOPLE AS INDIVIDUAL	11	3.9	87,664	250,429	*	2,800
4100 FAMILY MEMBERS	5	1.2	39,371	137,856	*	0
4200 FARM AS BUSINESS	2	1.1	50,824	95,492	*	1,232
4300 SOC POLIT ORGANIZ	7	2.0	42,983	113,907	*	0
4400 AGRIC ECONOMY U S	3	1.5	55,354	124,368	*	5,762
4600 FARM COOPERATIVES	1	0.0	0	9,880	*	678
4800 MARKETING SYSTEMS	1	0.1	0	93,327	*	21,231
6100 WEEDS	5	1.2	2,755	116,632	*	0
6300 BIO CELL SYSTEMS	2	0.7	0	191,713	*	26,277
6400 EXP DESIGN/STAT MTH	2	0.2	2,205	17,923	*	5,768
6500 INVERTEBRATES	7	2.3	22,246	212,671	*	7,777
6600 MICROORGANISMS, VIRUS	5	0.7	12,612	98,866	*	26,086
6700 PLANTS	13	4.1	52,888	895,521	*	58,913
6800 ANIMALS (VERTEBRATES)	2	0.1	0	45,611	*	0
7000 RSCH EQUIP & TECHNOL	3	0.4	952	38,525	*	8,271
9900 UNCLASSIFIED	2	1.3	123,835	168,710	*	0
TOTAL	503	133.6	2,549,270	19,052,906	*	1,026,003

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - WEST VIRGINIA MORGANTOWN SARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	10	2.7	119,384	301,098	*	738
0200 WATER	2	0.8	55,092	87,774	*	0
0300 WATERSHEDS RIVER EAS	1	0.3	0	7,513	*	1,038
0500 RECREATION RESOURCES	5	1.8	37,354	74,716	*	0
0600 TIMBER FOREST PRODUCT	19	5.6	222,865	548,158	*	35,174
0700 RANGE	1	0.3	58,891	112,823	*	0
0800 WILDLIFE AND FISH	11	1.0	32,487	100,287	*	5,640
1000 FRUIT NUTS DECIDUCUS	17	4.2	287,577	506,829	*	15,664
1100 POTATOES	4	1.5	96,800	142,301	*	0
1200 VEGETABLES	5	1.3	48,872	102,186	*	5,797
1300 ORNAMENTALS TURF	6	0.6	43,683	95,727	*	5,797
1400 CORN	4	0.4	27,120	54,938	*	5
1700 WHEAT	1	0.0	0	5,747	*	3
1800 OTHER SMALL GRAINS	1	0.0	0	5,747	*	3
1900 PASTURE	1	0.4	24,039	37,476	*	702
2000 FORAGE CROPS	9	1.9	57,410	128,235	*	2,566
2900 POULTRY	6	1.6	89,508	226,906	*	0
3000 BEEF CATTLE	11	2.8	325,384	694,680	*	809
3100 DAIRY CATTLE	6	1.8	145,365	320,316	*	0
3300 SHEEP AND WOOL	4	1.3	117,530	268,953	*	0
3400 OTHER ANIMALS	1	0.0	2,652	4,937	*	0
3500 BEES AND HONEY	1	0.0	3,785	5,301	*	0
3800 FOOD	1	0.2	12,634	19,403	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.4	19,168	29,258	*	0
4200 FARM AS BUSINESS	1	1.2	55,829	77,293	*	0
4300 SOC POLIT ORGANIZ	6	1.5	66,933	123,917	*	13,490
4800 MARKETING SYSTEMS	1	0.8	26,839	38,645	*	0
6300 BIO CELL SYSTEMS	1	0.3	20,140	33,797	*	0
6500 INVERTEBRATES	2	0.2	22,565	31,254	*	0
6700 PLANTS	2	0.1	0	9,740	*	483
6800 ANIMALS (VERTEBRATES)	2	0.2	2,325	17,895	*	0
TOTAL	145	35.2	2,021,829	4,213,445	*	87,906

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - WISCONSIN MADISON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	CON/GT/CA WITH SAES AMOUNT 1980
0100 SOIL AND LAND	38	7.5	216,975	1,131,495	*	4,156
0200 WATER	13	3.0	53,832	388,702	*	10,926
0300 WATERSHEDS RIVER BAS	1	0.3	0	29,851	*	0
0400 AIR AND CLIMATE	1	0.1	0	3,602	*	0
0500 RECREATION RESOURCES	5	1.3	41,984	180,464	*	0
0600 TIMBER FOREST PRODUCT	31	11.2	356,896	1,227,813	*	101,761
0700 RANGE	2	0.2	12,361	30,087	*	0
0800 WILDLIFE AND FISH	22	5.5	48,682	786,079	*	1,828
1000 FRUIT NUTS DECIDUOUS	9	2.2	37,860	224,757	*	0
1100 POTATOES	18	5.7	228,053	738,278	*	0
1200 VEGETABLES	42	10.9	218,400	1,235,316	*	47,756
1300 ORNAMENTALS TURF	8	1.9	9,203	159,910	*	0
1400 CORN	24	5.2	70,879	633,670	*	0
1700 WHEAT	4	0.6	0	63,653	*	0
1800 OTHER SMALL GRAINS	8	2.2	23,557	315,656	*	0
1900 PASTURE	1	0.3	0	18,421	*	0
2000 FORAGE CROPS	29	8.5	236,306	973,756	*	0
2300 SOYBEANS	16	2.7	63,120	535,524	*	50,675
2500 OTHER OILSEED CROPS	1	0.0	0	1,913	*	0
2600 TOBACCO	3	0.7	18,962	72,799	*	1,566
2800 MISC NEW CROPS	1	0.0	1,822	6,464	*	0
2900 POULTRY	18	4.9	156,110	974,142	*	213,395
3000 BEEF CATTLE	19	4.3	198,029	800,589	*	62,080
3100 DAIRY CATTLE	59	15.6	625,835	3,448,214	*	125,398
3200 SWINE	22	2.8	179,964	704,677	*	19,966
3300 SHEEP AND WOOL	4	0.4	15,819	133,003	*	2,478
3400 OTHER ANIMALS	6	1.8	22,722	619,173	*	0
3500 BEES AND HONEY	4	1.5	0	168,833	*	32,555
3800 FOOD	25	8.5	107,977	1,219,054	*	28,333
3900 HOUSING & EQUIP	3	0.5	8,428	36,598	*	4,981
4000 PEOPLE AS INDIVIDUAL	24	8.6	128,106	1,290,904	*	16,616
4100 FAMILY MEMBERS	6	1.7	55,598	109,895	*	0
4200 FARM AS BUSINESS	4	0.9	10,297	77,956	*	7,808
4300 SOC POLIT ORGANIZ	14	3.4	112,381	395,109	*	5,841
4400 AGRIC ECONOMY U S	5	1.1	30,501	171,651	*	55,643
4500 AGRIC ECONOMY FORGN	1	0.2	0	13,328	*	0
4600 FARM COOPERATIVES	5	0.7	17,918	71,459	*	4,564
4700 OTH MARKET PROCESS	1	0.6	13,650	37,461	*	0
4800 MARKETING SYSTEMS	7	1.0	20,277	107,959	*	31,863
6200 SEED RESEARCH	1	0.2	16,393	92,942	*	0
6300 BIO CELL SYSTEMS	18	6.7	18,533	1,631,190	*	0
6400 EXP DESIGN/STAT METH	2	0.4	1,257	49,819	*	0
6500 INVERTEBRATES	9	2.7	53,898	269,671	*	0
6600 MICROORGANISMS, VIRUS	24	9.3	65,433	2,521,036	*	53,811
6700 PLANTS	14	4.5	145,644	689,858	*	57,888
6800 ANIMALS (VERTEBRATES)	25	3.6	91,023	1,261,237	*	36,516
7000 RSCH EQUIP & TECHNOL	2	0.5	19,968	52,234	*	0
9900 UNCLASSIFIED	1	1.3	0	564,778	*	101,014
TOTAL	600	157.7	3,742,612	26,191,177	*	1,079,410

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - WYOMING LARAMIE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA SYS 1980	CON/GT/CA WITH SAES AMOUNT 1980
0100 SOIL AND LAND	7	1.8	22,359	73,648	*	0
0200 WATER	8	2.2	68,856	118,522	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	2,797	3,423	*	0
0400 AIR AND CLIMATE	2	0.4	11,125	20,410	*	0
0500 RECREATION RESOURCES	1	0.3	371	8,800	*	0
0600 TIMBER FOREST PRODUCT	4	3.4	71,735	164,522	*	0
0700 RANGE	8	2.0	39,216	112,640	*	0
0800 WILDLIFE AND FISH	2	0.3	7,352	16,244	*	0
1100 POTATOES	1	0.3	11,210	13,333	*	0
1200 VEGETABLES	2	0.5	0	16,658	*	0
1300 ORNAMENTALS TURF	1	0.1	1,934	3,199	*	0
1400 CORN	5	0.6	4,361	32,510	*	0
1700 WHEAT	5	1.6	37,136	80,720	*	0
1800 OTHER SMALL GRAINS	5	1.5	26,396	65,283	*	0
1900 PASTURE	1	0.1	1,653	2,575	*	0
2000 FORAGE CROPS	11	3.9	100,312	210,303	*	3,535
2500 OTHER OILSEED CROPS	1	0.0	0	1,088	*	0
2700 SUGAR CROPS	6	1.4	33,868	79,712	*	0
2900 POULTRY	1	0.6	16,454	40,980	*	0
3000 BEEF CATTLE	20	8.8	381,704	669,109	*	159
3100 DAIRY CATTLE	6	1.1	47,385	107,593	*	0
3300 SHEEP AND WOOL	9	5.0	134,907	286,204	*	0
3400 OTHER ANIMALS	2	0.7	14,952	40,472	*	0
3600 FARM SUPP & FACILTS	1	0.0	0	1,882	*	1,882
3900 HOUSING & EQUIP	4	0.9	18,117	49,494	*	11,274
4000 PEOPLE AS INDIVIDUAL	1	0.2	4,161	9,883	*	0
4200 FARM AS BUSINESS	2	1.1	34,699	54,062	*	0
4300 SOC POLIT ORGANIZ	3	0.5	6,401	29,307	*	0
4400 AGRIC ECONOMY U S	2	0.4	2,776	14,937	*	0
4700 OTH MARKET PROCESS	2	0.2	7,764	12,034	*	3,340
6500 INVERTEBRATES	3	1.1	4,161	41,684	*	0
6600 MICROORGANISMS, VIRUS	1	0.4	0	10,875	*	0
6700 PLANTS	6	1.1	12,391	50,714	*	4,514
6800 ANIMALS(VERTEBRATES)	2	0.2	0	15,205	*	127
9900 UNCLASSIFIED	1	0.0	14,030	14,030	*	0
TOTAL	137	42.4	1,140,541	2,472,053	*	24,831

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	51	15.3	105,440	1,373,631	*	145,601
0200 WATER	14	5.9	29,262	436,480	*	43,376
0300 WATERSHEDS RIVER BAS	21	5.0	65,216	501,455	*	68,538
0400 AIR AND CLIMATE	2	1.4	17,859	147,278	*	99,615
0500 RECREATION RESOURCES	36	7.9	142,457	758,584	*	81,991
0600 TIMBER FOREST PRODUCT	462	175.0	1,675,091	16,063,053	*	2,248,050
0700 RANGE	16	3.8	44,886	396,398	*	92,180
0800 WILDLIFE AND FISH	87	19.1	193,538	2,331,206	*	259,531
1000 FRUIT NUTS DECIDUOUS	1	0.0	0	1,256	*	0
1200 VEGETABLES	1	0.3	0	30,184	*	0
1300 ORNAMENTAL TURF	4	0.3	4,033	18,980	*	0
2000 FORAGE CROPS	1	0.1	0	8,089	*	0
2300 SOYBEANS	2	0.2	0	38,012	*	36,711
3200 SWINE	2	0.3	0	7,234	*	0
3400 OTHER ANIMALS	1	0.2	0	14,477	*	0
3600 FARM SUPP & FACILTS	1	0.3	7,925	19,582	*	0
3900 HOUSING & EQUIP	4	1.4	0	94,283	*	5,342
4000 PEOPLE AS INDIVIDUAL	4	0.7	13,109	573,049	*	19,073
4300 SOC POLIT ORGANIZ	1	0.0	0	1,813	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	0	125	*	0
6300 BIO CELL SYSTEMS	4	4.1	0	219,358	*	2,670
6500 INVERTEBRATES	3	0.8	0	38,030	*	0
6600 MICROORGANISMS, VIRUS	5	1.5	0	97,936	*	0
6700 PLANTS	9	1.9	8,704	99,311	*	280
6800 ANIMALS (VERTEBRATES)	3	1.1	0	82,006	*	0
6900 RESEARCH ON BSCS EGM	1	0.0	0	315,601	*	11,927
7000 BSCH EQUIP & TECHNOL	10	5.4	13,975	337,804	*	11,786
9900 UNCLASSIFIED	5	0.4	40,059	83,709	*	6,538
TOTAL	752	252.2	2,361,553	24,084,433	*	3,133,169

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARS AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL GES	10	4.8	25,338	411,396	*	30,658
102 SOIL PLNT WTR NUTRI	34	8.0	114,086	782,430	*	82,808
104 ALTERN USE OF LAND	13	2.0	11,608	206,883	*	29,017
105 CONSERV USE OF WATE	5	3.9	0	268,363	*	11,342
107 WATERSHED PROT & MG	29	9.6	66,224	884,102	*	134,072
109 WEATHER ADAPT & MOD	5	2.9	19,667	192,435	*	38,302
110 APPRAIS FOREST & RAN	80	5.0	111,869	499,886	*	82,884
111 BIOL CULT MGT FCBS	189	52.8	634,147	5,294,931	*	783,890
112 IMPROV RANGE RESCB	12	3.3	44,795	347,169	*	63,011
113 REMOTE SENSING	12	1.8	26,812	181,262	*	82,684
114 BSCH ON MGT OF BSC	1	0.0	0	315,601	*	11,927
SUBTOTAL	350	94.1	1,054,542	9,384,458	*	1,350,555
SERIES 200						
201 CNTL FOREST INSECTS	52	14.1	107,641	1,340,045	*	323,762
202 CONTROL FOREST DIS	41	7.9	152,683	678,081	*	78,056
203 FOREST FIRE PROTECT	4	0.4	0	46,101	*	20,085
206 CNTL WEEDS FRT & VE	1	0.0	0	1,256	*	0
210 CNTL PESTS ANIMALS	2	0.3	0	38,918	*	0
214 PROTECT FROM POLLUT	8	1.5	5,289	142,704	*	7,550
SUBTOTAL	108	24.2	265,613	2,247,105	*	429,453
SERIES 300						
301 GENET BREED FOREST T	36	13.7	142,573	1,169,667	*	288,615
302 IMP FOREST ENG SIS	11	5.8	105,100	442,971	*	83,644
303 ECOM TIMBEE PRODUCT	15	7.2	28,882	518,777	*	97,748
304 IMP BIO EFF FRT & V	1	0.3	0	30,184	*	0
307 IMP BIO EFF FLD CRP	2	0.2	0	38,012	*	36,711
310 ANIMAL REPRODUCTION	1	0.3	0	7,003	*	0
311 IMP BIO EFF ANML BR	1	0.0	0	231	*	0
315 IMP STRUC FARM SUPP	1	0.3	7,925	19,582	*	0
318 NEW-COM BIO TECH/BI	21	13.0	0	692,645	*	5,619
SUBTOTAL	89	40.6	284,480	2,919,031	*	512,336
SERIES 400						
401 NEW IMP FOREST PROD	62	41.5	225,389	3,932,125	*	137,793
411 IMP NON-FOOD ANML P	1	0.3	18,479	18,479	*	0
412 HKT QAL ANIMAL FRO	1	0.2	1,914	1,914	*	0
SUBTOTAL	64	42.0	245,782	3,952,519	*	137,793
SERIES 500						
502 MKTG TIMBEE PRODUCT	8	2.8	19,226	187,984	*	10,652
512 IMP GRADES FRT PRO	4	1.3	0	93,920	*	4,151
513 PRICE ANAL FRT PRO	10	3.1	34,922	237,811	*	14,240
SUBTOTAL	22	7.1	58,147	519,675	*	29,043
SERIES 600						
603 TECH AID DEV CBTY	5	3.2	1,782	249,879	*	12,649
SUBTOTAL	5	3.2	1,782	249,879	*	12,649
SERIES 800						
802 INDIV & FAM DEC PAK	1	0.7	11,818	34,204	*	2,981
805 COMMUNICAT RURAL FP	3	0.0	1,291	538,885	*	16,092
SUBTOTAL	4	0.7	13,109	573,049	*	19,073
SERIES 900						
901 ALLEV POLLUTION	14	4.8	26,085	392,204	*	82,139
902 OUTDOOR RECREATION	33	7.9	137,635	712,559	*	84,706
903 MULTI-USE-FOREST PO	25	4.9	141,797	510,678	*	68,580
904 WLDLFE AND FISH ECO	77	18.2	96,521	2,195,662	*	233,451
905 TREES BEAUTIFICATIO	12	4.0	0	338,544	*	166,892
906 ORNAMENT & TURF DEV	1	0.0	0	5,366	*	0
990 UNCLASSIFIED	5	0.4	40,059	83,709	*	6,538
SUBTOTAL	167	40.3	442,097	4,238,718	*	642,266
SCIENCE IN SERV OF MAN						
GRAND TOTAL	809	252.2	2,361,553	24,084,433	*	3,133,169

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH FLAGSTAFF

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0500 RECREATION RESOURCES	1	0.0	0	1,783	*	0
0600 TIMBER FOREST PRODUCT	8	3.9	78,743	164,246	*	0
TOTAL	9	3.9	78,743	166,029	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH ARCATA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	2	0.3	6,896	12,245	*	0
0600 TIMBER FOREST PRODUCT	17	1.6	28,076	78,840	*	0
TOTAL	19	1.9	34,972	91,085	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH CARBONDALE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0300 WATERSHEDS RIVER EAS	2	0.6	31,448	63,700	*	0
0500 RECREATION RESOURCES	4	1.0	1,259	42,131	*	0
0600 TIMBER FOREST PRODUCT	14	2.7	36,988	116,111	*	6,198
3200 SWIME	1	0.3	0	7,003	*	0
4300 SOC POLIT ORGANIZ	1	0.0	0	1,413	*	0
9900 UNCLASSIFIED	1	0.0	26,573	26,573	*	0
TOTAL	23	4.6	96,268	256,930	*	6,198

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH FT COLLINS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	1	0.1	0	9,483	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	10,375	10,375	*	0
0400 AIR AND CLIMATE	1	0.3	0	61,313	*	61,313
0500 RECREATION RESOURCES	1	0.0	13,855	13,855	*	0
0600 TIMBER FOREST PRODUCT	10	0.6	97,454	186,950	*	0
6700 PLANTS	1	0.0	8,704	8,704	*	0
TOTAL	15	1.1	130,388	290,679	*	61,313

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH MOSCOW

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	2	0.1	60	27,656	*	14,708
0300 WATERSHEDS RIVER BAS	6	1.2	0	138,039	*	58,655
0500 RECREATION RESOURCES	5	1.2	27,154	97,491	*	3,993
0600 TIMBER FOREST PRODUCT	57	19.9	168,061	1,905,517	*	307,696
0700 RANGE	10	2.5	19,819	305,938	*	54,817
0800 WILDLIFE AND FISH	41	7.3	13,630	992,474	*	151,452
6700 PLANTS	1	0.0	0	280	*	280
7000 BSCH EQUIP & TECHNOL	1	0.1	0	22,789	*	9,076
TOTAL	123	32.4	228,723	3,490,183	*	600,676

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH RUSTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0600 TIMBER FOREST PRODUCT	6	2.7	69,742	171,863	*	0
0800 WILDLIFE AND FISH	1	0.3	6,078	14,988	*	0
3600 FARM SUPP & FACILITS	1	0.3	7,925	19,542	*	0
7000 BSCH EQUIP & TECHNOL	1	0.1	3,397	8,375	*	0
TOTAL	9	3.4	87,141	214,767	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH ANN ARBOR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	5	0.7	17,698	79,225	*	2,159
0200 WATER	1	0.0	0	897	*	0
0500 RECREATION RESOURCES	3	0.8	0	57,644	*	13,457
0600 TIMBER FOREST PRODUCT	30	2.5	80,624	288,688	*	2,159
0700 RANGE	1	0.0	0	259	*	0
0800 WILDLIFE AND FISH	5	0.2	0	37,068	*	0
1300 ORNAMENTALS TURF	2	0.1	0	9,771	*	0
2300 SOYBEANS	1	0.2	0	36,711	*	36,711
3900 HOUSING & EQUIP	1	0.0	0	673	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	0	125	*	0
6700 PLANTS	1	0.0	0	1,794	*	0
TOTAL	51	4.5	98,322	512,856	*	54,485

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY					- FORESTRY SCH	HOUGHTON
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	3	1.0	13,129	97,864	*	0
0500 RECREATION RESOURCES	1	0.0	4,817	7,630	*	0
0600 TIMBER FOREST PRODUCT	23	8.7	77,373	1,722,982	*	40,942
TOTAL	27	9.7	95,319	1,826,476	*	40,942
TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY					- FORESTRY SCH	MISSOULA
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0500 RECREATION RESOURCES	3	0.9	15,970	135,560	*	9,265
0600 TIMBER FOREST PRODUCT	11	3.9	100,369	401,881	*	155,012
0700 RANGE	2	0.6	25,067	25,067	*	0
0800 WILDLIFE AND FISH	6	2.0	47,530	360,805	*	22,877
1300 ORNAMENTALS TURF	1	0.2	4,033	4,033	*	0
9900 UNCLASSIFIED	1	0.0	875	875	*	0
TOTAL	24	7.6	193,844	928,221	*	187,154
TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY					- FORESTRY SCH	SYRACUSE
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	18	2.6	35,973	361,623	*	107,448
0200 WATER	5	0.7	0	50,657	*	5,762
0300 WATERSHEDS RIVER BAS	4	0.5	6,376	74,731	*	0
0500 RECREATION RESOURCES	3	0.1	0	11,976	*	8,333
0600 TIMBER FOREST PRODUCT	76	28.2	154,100	2,654,878	*	368,265
0800 WILDLIFE AND FISH	17	1.5	0	243,554	*	12,989
1000 FRUIT NUTS DECIDUCOUS	1	0.0	0	1,256	*	0
1200 VEGETABLES	1	0.3	0	30,184	*	0
1300 ORNAMENTALS TURF	1	0.0	0	1,177	*	0
2000 FORAGE CROPS	1	0.1	0	6,049	*	0
2300 SOYBEANS	1	0.0	0	1,301	*	0
3400 OTHER ANIMALS	1	0.2	0	14,477	*	0
3900 HOUSING & EQUIP	1	0.0	0	400	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.0	0	535,973	*	16,092
6300 BIO CELL SYSTEMS	4	4.1	0	219,358	*	2,670
6500 INVERTEBRATES	2	0.8	0	38,088	*	0
6600 MICROORGANISMS, VIRUS	4	1.5	0	75,748	*	0
6700 PLANTS	6	1.9	0	88,562	*	0
6800 ANIMALS (VERTEBRATES)	3	1.1	0	82,006	*	0
6900 RESEARCH ON ESMC RGM	1	0.0	0	315,601	*	11,927
7000 RSCH EQUIP & TECHNOL	6	4.6	10,578	246,360	*	2,670
TOTAL	158	47.8	207,027	5,051,956	*	552,155
TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY					- FORESTRY SCH	CORVALLIS
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	5	2.2	8,813	172,227	*	5,263
0200 WATER	3	1.3	29,262	121,256	*	22,940
0300 WATERSHEDS RIVER BAS	3	0.8	17,017	72,277	*	9,871
0400 AIR AND CLIMATE	1	1.1	17,859	85,965	*	38,302
0500 RECREATION RESOURCES	8	1.6	0	192,738	*	25,979
0600 TIMBER FOREST PRODUCT	101	47.2	259,480	3,828,872	*	819,692
0700 RANGE	1	0.3	0	37,473	*	10,437
0800 WILDLIFE AND FISH	1	0.6	0	26,774	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.7	13,109	37,076	*	2,981
6600 MICROORGANISMS, VIRUS	1	0.1	0	22,189	*	0
7000 RSCH EQUIP & TECHNOL	1	0.3	0	47,382	*	0
9900 UNCLASSIFIED	1	0.0	0	37,112	*	0
TOTAL	128	56.0	345,539	4,681,381	*	943,465
TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY					- FORESTRY SCH	CLEMSON
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	8	0.3	3,455	24,587	*	0
0200 WATER	2	0.5	0	28,506	*	6,665
0300 WATERSHEDS RIVER BAS	2	0.0	0	7,087	*	0
0500 RECREATION RESOURCES	3	0.4	30,405	45,535	*	0
0600 TIMBER FOREST PRODUCT	68	11.2	182,032	1,159,695	*	21,847
0700 RANGE	1	0.1	0	8,735	*	0
0800 WILDLIFE AND FISH	8	1.0	42,872	127,997	*	7,446
3200 SWINE	1	0.0	0	231	*	0
7000 RSCH EQUIP & TECHNOL	1	0.3	0	12,899	*	0
9900 UNCLASSIFIED	1	0.0	1,757	1,757	*	0
TOTAL	95	13.8	260,520	1,413,030	*	35,958

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH NACOGDOCHES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	4	0.6	19,205	69,104	*	0
0200 WATER	1	0.0	0	1,010	*	0
0300 WATERSHEDS RIVER EAS	2	0.4	0	49,639	*	0
0600 TIMBER FOREST PRODUCT	17	2.3	73,165	289,753	*	112,491
0700 RANGE	1	0.3	0	18,926	*	18,926
0800 WILDLIFE AND FISH	5	1.0	37,753	96,788	*	31,048
9900 UNCLASSIFIED	1	0.4	10,854	17,392	*	6,538
TOTAL	31	5.0	140,977	542,611	*	169,003

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH BURLINGTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	1	0.0	211	502	*	0
0500 RECREATION RESOURCES	3	1.5	48,997	108,691	*	6,571
0600 TIMBER FOREST PRODUCT	6	2.7	99,946	232,711	*	5,671
0800 WILDLIFE AND FISH	1	0.5	27,197	75,256	*	0
TOTAL	11	4.7	176,351	417,159	*	12,242

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH SEATTLE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	2	7.5	0	519,115	*	16,024
0200 WATER	2	3.4	0	230,155	*	8,009
0300 WATERSHEDS RIVER EAS	1	1.4	0	85,607	*	13
0500 RECREATION RESOURCES	1	0.5	0	43,510	*	18,393
0600 TIMBER FOREST PRODUCT	18	36.9	168,940	2,860,068	*	388,078
0800 WILDLIFE AND FISH	2	4.8	18,479	355,503	*	33,719
3900 HOUSING & EQUIP	2	1.4	0	93,210	*	5,342
6500 INVERTEBRATES	1	0.0	0	3,942	*	0
TOTAL	29	55.8	187,419	4,199,110	*	469,578

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PBOJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COR/GT/CA SYS 1980	WITH SALES 1980
0100 SOIL AND LAND	27	9.5	784,048	1,026,628	*	238,809
0200 WATER	12	10.0	373,207	586,032	*	212,826
0300 WATERSHEDS RIVER BAS	3	2.0	69,103	75,695	*	6,592
0400 AIR AND CLIMATE	1	0.2	33,711	33,711	*	0
0500 RECREATION RESOURCES	2	1.8	0	73,237	*	73,237
0600 TIMBER FOREST PRODUCT	5	1.1	95,923	131,252	*	35,329
0700 RANGE	1	0.1	27,510	27,510	*	0
0800 WILDLIFE AND FISH	21	6.7	553,761	731,727	*	170,258
0900 CITRUS SUB TROP FBUT	1	0.0	0	25	*	25
1000 FRUIT NUTS DECIDUOUS	8	2.5	277,256	356,726	*	79,470
1200 VEGETABLES	40	13.9	1,792,733	2,087,001	*	291,848
1300 ORNAMENTALS TURF	3	0.0	0	36,785	*	36,785
1400 CORN	4	0.5	0	57,644	*	57,644
1500 GRAIN SONGHUM	3	0.2	8,634	18,825	*	9,720
1600 RICE	1	0.0	0	4,065	*	4,065
1700 WHEAT	4	0.8	8,750	31,508	*	22,758
1800 OTHER SMALL GRAINS	14	2.6	322,301	530,783	*	208,483
1900 PASTURE	2	0.5	162,275	181,702	*	19,427
2000 FORAGE CROPS	14	5.3	338,897	441,592	*	102,695
2100 COTTON	8	7.7	235,757	367,381	*	127,206
2300 SOYBEANS	41	18.6	1,369,027	2,030,716	*	642,915
2400 PEANUTS	4	3.1	82,591	123,198	*	40,607
2500 OTHER OILSEED CROPS	2	0.0	2,141	2,161	*	20
2600 TOBACCO	2	1.1	35,716	121,639	*	85,923
2800 MISC NEW CROPS	1	0.0	0	1,198	*	1,198
2900 POULTRY	23	7.5	591,771	880,073	*	238,959
3000 BEEF CATTLE	25	7.6	1,067,831	1,470,332	*	402,501
3100 DAIRY CATTLE	20	3.5	219,308	878,444	*	659,136
3200 SWINE	25	11.9	1,221,241	1,530,247	*	309,006
3300 SHEEP AND WOOL	1	2.4	15,787	211,853	*	0
3300 SHEEP AND WOOL	9	1.9	362,988	368,142	*	5,153
3400 OTHER ANIMALS	16	10.7	1,270,393	1,428,844	*	156,789
3600 FARM SUPP & FACILITS	6	1.8	13,312	139,797	*	126,485
3700 CLOTHING & TEXTILES	7	2.2	86,646	160,405	*	72,225
3800 FOOD	36	11.6	768,086	1,187,263	*	423,178
3900 HOUSING & EQUIP	6	10.8	42,085	169,376	*	127,291
4000 PEOPLE AS INDIVIDUAL	93	28.5	1,607,020	2,762,766	*	1,197,518
4100 FAMILY MEMBERS	50	13.8	1,044,874	1,505,897	*	559,881
4200 FARM AS BUSINESS	10	3.8	259,672	318,406	*	58,735
4300 SOC POLIT ORGANIZ	28	8.4	855,699	930,357	*	73,731
4400 AGRIC ECONOMY U S	3	0.3	13,605	47,647	*	34,042
4600 FARM COOPERATIVES	2	0.6	29,734	32,656	*	2,922
4800 MARKETING SYSTEMS	2	0.7	0	89,908	*	49,908
6100 WEEDS	2	0.5	0	21,812	*	21,812
6300 BIO CELL SYSTEMS	1	0.4	0	2,857	*	2,857
6400 EXP DESIGN/STAT METH	3	0.6	42,085	74,923	*	32,838
6500 INVERTEBRATES	2	0.3	70,824	93,118	*	19,826
6600 MICROORGANISAS, VIRUS	2	0.5	14,802	44,797	*	29,995
6700 PLANTS	10	2.2	16,964	224,210	*	102,991
6800 ANIMALS (VERTEBRATES)	4	0.8	19,199	72,387	*	53,188
7000 RSCN EQUIP & TECHNOL	1	0.9	0	292,500	*	0
9900 UNCLASSIFIED	5	1.0	278,887	278,887	*	0
TOTAL	616	223.2	16,482,122	24,216,598	*	7,078,792

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO. OF PROJ.	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADJUSTED (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYN 1980	AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL SPS	4	0.4	\$0,748	40,968	*	220
102 SOIL PLNT WTH NUTRI	16	8.3	474,175	540,088	*	62,143
103 MGMT OF SALINE SGCL	1	0.0	0	38	*	38
104 ALTERN USE OF LAND	1	0.3	0	26,381	*	26,381
105 CONSERV USE OF WATE	2	0.6	49,132	49,132	*	0
107 WATERSHED PROT & MG	1	0.1	22,008	22,008	*	0
109 WEATHER ADAPT & MOD	3	0.2	10,343	36,118	*	23,775
110 APPRAIS FOREST & RAN	1	0.1	22,008	22,008	*	0
111 DIXOL CULT MGMT FCRS	3	0.9	66,373	101,702	*	35,329
113 REMOTE SENSING	1	0.2	49,518	49,518	*	0
SUBTOTAL	33	11.1	734,305	885,962	*	147,886
SERIES 200						
204 CNTR PESTS FRT & VE	4	0.4	30,753	32,923	*	2,170
205 CNTR DISE FRT & VEG	10	1.5	118,425	190,394	*	71,969
206 CNTR WEEDS FRT & VE	7	0.6	10,343	53,610	*	43,267
207 CNTR PESTS FLD CROP	12	3.1	132,818	263,536	*	126,827
208 CNTR DIS FIELD CROP	13	7.8	235,818	485,362	*	289,584
209 CNTR WEEDS FLD CROP	3	1.8	138,053	140,643	*	2,590
210 COMTR PESTS ANIMALS	1	0.8	112,454	112,454	*	0
211 COMTR DIS ANIMALS	1	2.4	15,787	211,853	*	0
211 COMTR DIS ANIMALS	11	4.7	233,217	260,605	*	27,388
212 CNTR INTER PARASITE	1	0.3	0	44,586	*	44,586
213 PROT ANWLS FROM TOX	2	0.3	24,083	24,083	*	0
214 PROTECT PROT POLLUT	9	2.3	31,934	491,809	*	69,878
SUBTOTAL	74	25.8	1,083,286	2,311,858	*	638,215
SERIES 300						
304 IMP BIO EFF FRT & V	33	8.5	1,298,790	1,512,909	*	212,378
305 MECHE PROD FRT & VEG	2	0.1	20,057	23,435	*	0
306 PROD MGMT SYS F & V	2	0.0	38,230	38,230	*	0
307 IMP BIO EFF FLD CRP	84	15.4	1,297,810	1,843,780	*	544,720
308 MECHE PROD FIELD CROP	1	0.1	0	3,378	*	0
309 PROD MGMT SYS FLC C	3	0.5	56,483	73,591	*	17,108
310 ANIMAL REPRODUCTION	19	6.5	903,861	970,353	*	66,492
311 IMP BIO EFF ANML PR	43	14.0	1,899,003	2,982,778	*	1,082,684
312 ENV STRESS IN ANML	2	0.9	0	62,459	*	61,585
313 PROD MGMT SIS ANML	9	3.8	382,567	481,188	*	99,622
315 IMP STRES FARM SUPP	6	1.8	13,312	139,797	*	126,485
316 IMP BUSINESS BGMI	5	3.1	199,841	249,932	*	44,151
317 MECHE/STRUCTS ANML P	1	0.3	0	6,756	*	0
318 NCW-COM BIO TECH/BI	9	2.1	97,153	229,798	*	130,186
SUBTOTAL	179	56.9	6,202,707	8,605,443	*	2,381,370
SERIES 400						
402 PROD F & V IMP ACCE	6	1.6	71,144	159,369	*	87,587
405 PROD FLD CROP IME A	10	1.9	108,835	266,593	*	140,162
406 NEW IMP FOOD FLD CR	8	1.7	171,025	261,080	*	90,055
409 PROD ANML PB IMP AC	13	6.1	666,679	874,251	*	205,665
410 IMP MEAT MILK EGG P	1	0.2	28,938	28,938	*	0
411 IMP NON-FOOD ANML P	1	0.2	69,399	69,399	*	0
412 MKT QAL ANIMAL EBO	2	0.6	112,236	122,234	*	9,998
SUBTOTAL	41	12.2	1,228,255	1,781,864	*	533,408
SERIES 500						
503 MKTG EFF AGRI PRCDNS	3	1.2	0	93,650	*	93,650
506 SPLY DEMAND AND FRI	1	1.0	50,514	50,514	*	0
508 DOMESTIC MKT DEVELOP	1	0.2	5,413	5,580	*	0
509 PERFORMANCE MKTG SY	1	0.0	0	1,622	*	1,622
510 GROUP ACT MKT POWER	2	0.6	29,734	32,656	*	2,922
511 IMP AGRIC STATICIC	2	0.3	42,085	48,657	*	6,572
SUBTOTAL	10	3.3	127,786	232,639	*	104,766
SERIES 700						
701 TOX RES IN FOOD	9	4.2	383,662	458,946	*	75,284
702 FOOD PROT FROM TCX	9	2.1	101,525	214,074	*	112,549
703 FOOD CONSUM HABITS	35	10.9	555,465	1,111,353	*	555,065
704 HOME COMM FOOD SERV	3	0.1	13,378	18,690	*	5,998
705 SEL CARE CLOTH & TE	7	2.2	86,646	160,405	*	72,225
708 HUMAN NUTRITION	52	20.4	1,248,920	1,859,634	*	609,150
709 REDUCE HAZ HLTH & S	4	3.1	97,296	269,984	*	172,688
SUBTOTAL	119	42.8	2,486,891	4,093,086	*	1,601,956
SERIES 800						
801 RURAL HOUSING	6	10.8	42,085	169,564	*	126,387
802 INDIV & FAM DEC MAK	21	7.5	674,544	867,621	*	191,222
803 RURAL POVERTY	22	7.1	812,262	914,894	*	101,501
804 ECOM POTENT RURAL RE	20	8.0	269,605	421,801	*	152,197
805 COMMUNICAT RURAL PE	15	4.4	563,104	693,816	*	130,712
806 ADJUSTMENT TO CHANG	19	3.8	119,022	340,561	*	217,706
807 AGRIC ECONOMIC CHAN	7	1.1	75,614	127,240	*	51,626
SUBTOTAL	110	42.6	2,556,236	3,535,497	*	971,350
SERIES 900						
901 ALLEV POLLUTION	24	16.2	915,789	1,298,840	*	383,051
902 OUTDOOR RECREATION	2	1.8	0	73,237	*	73,237
904 WLDLIFE AND FISH ECC	20	5.9	530,577	658,346	*	120,057
905 TREES BEAUTIFICATIO	2	0.0	0	17,037	*	17,037
906 ORNAMENT & TURF DEV	1	0.0	0	19,748	*	19,748
907 RURAL INCOME IMP	9	0.7	0	72,059	*	72,059
908 RURAL INSTITUT IMP	8	2.9	337,483	352,136	*	14,654
990 UNCLASSIFIED	5	1.0	278,847	278,847	*	0
SUBTOTAL	71	28.5	2,062,695	2,770,250	*	699,842
SCIENCE IN SERV OF MAN						
GRAND TOTAL	637	223.2	16,482,122	24,216,598	*	7,078,792

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALA TUSKEGEE TUSKEGEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980	OCI
0100 SOIL AND LAND	2	0.3	30,161	30,188	*	27	
0900 CITRUS SUB TROP FRUT	1	0.0	0	25	*	25	
1000 FRUIT BUIS DECIDUCUS	3	1.2	90,880	91,101	*	221	
1200 VEGETABLES	13	2.8	242,087	362,413	*	120,326	
1400 CORN	1	0.0	0	370	*	370	
2000 FORAGE CROPS	1	0.5	57,946	57,946	*	0	
2800 MISC NEW CROPS	1	0.0	0	1,194	*	1,194	
2900 POULTRY	8	3.2	190,109	274,624	*	84,515	
3000 BEEF CATTLE	4	0.4	0	18,135	*	18,135	
3100 DAIRY CATTLE	6	0.6	17,718	55,309	*	37,591	
3200 SWINE	7	3.6	126,713	201,512	*	74,799	
3400 OTHER ANIMALS	4	1.6	64,678	75,300	*	10,626	
3800 FOOD	6	0.1	10,436	23,444	*	13,009	
4000 PEOPLE AS INDIVIDUAL	8	0.8	50,986	65,901	*	18,915	
4100 FAMILY MEMBERS	6	1.3	78,084	80,673	*	2,589	
4300 SOC POLIT ORGANIZ	3	0.3	41,587	43,505	*	1,918	
6600 MICROORGANISMS, VIRUS	1	0.3	14,802	14,802	*	0	
6800 ANIMALS(VERTEBRATES)	2	0.3	19,199	19,199	*	0	
9900 UNCLASSIFIED	1	1.0	32,715	32,715	*	0	
TOTAL	78	18.3	1,068,097	1,448,354	*	380,257	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALA AGH NORMAL OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980	OCI
0100 SOIL AND LAND	1	0.1	33,012	33,012	*	0	
0200 WATER	1	0.1	27,510	27,510	*	0	
0600 TIMBER FOREST PRODUCT	4	1.0	88,381	123,710	*	35,329	
0700 RANGE	1	0.1	27,510	27,510	*	0	
1800 OTHER SMALL GRAINS	14	2.6	322,301	530,783	*	208,483	
2000 FORAGE CROPS	1	0.0	0	879	*	879	
2300 SOYBEANS	3	1.4	267,094	267,094	*	0	
2900 POULTRY	2	0.1	0	18,019	*	18,019	
3000 BEEF CATTLE	3	0.3	69,399	82,692	*	13,293	
3100 DAIRY CATTLE	2	0.0	0	5,631	*	5,631	
3300 SHEEP AND WOOL	1	0.2	69,399	69,399	*	0	
3400 OTHER ANIMALS	2	0.5	0	45,900	*	45,900	
3700 CLOTHING & TEXTILES	1	0.5	51,766	51,766	*	0	
3800 FOOD	1	0.7	38,478	38,478	*	0	
4000 PEOPLE AS INDIVIDUAL	3	0.1	16,802	20,840	*	4,038	
4300 SOC POLIT ORGANIZ	3	0.4	51,766	57,823	*	6,057	
6600 MICROORGANISMS, VIRUS	1	0.2	0	29,995	*	29,995	
TOTAL	44	8.3	1,063,419	1,431,042	*	367,623	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ARK A & H PINE BLUFF OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980	OCI
0100 SOIL AND LAND	2	0.4	68,328	74,148	*	2,049	
0800 WILDLIFE AND FISH	5	2.6	227,354	296,319	*	61,253	
1200 VEGETABLES	2	0.7	68,518	92,817	*	21,879	
1500 GRAIN SORGHUM	2	0.1	8,634	9,105	*	0	
1700 WHEAT	1	0.4	0	13,018	*	13,018	
2100 COTTON	2	1.7	5,413	63,350	*	53,519	
2300 SOYBEANS	7	1.9	103,610	153,934	*	49,146	
2500 OTHER OILSEED CROPS	1	0.0	2,141	2,141	*	0	
2900 POULTRY	2	0.7	100,969	142,148	*	38,591	
3400 OTHER ANIMALS	2	0.2	56,035	57,697	*	0	
3700 CLOTHING & TEXTILES	2	0.5	16,240	18,254	*	480	
4000 PEOPLE AS INDIVIDUAL	8	2.4	79,128	206,803	*	119,447	
4100 FAMILY MEMBERS	2	0.3	36,888	38,030	*	0	
4300 SOC POLIT ORGANIZ	1	0.1	0	4,893	*	3,966	
6500 INVERTEBRATES	1	0.3	70,834	73,292	*	0	
TOTAL	40	12.1	844,092	1,245,949	*	363,346	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - CALIFORNIA NEWBURY PARK OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980	OCI
6700 PLANTS	1	0.3	0	97,500	*	0	
7000 RSCH EQUIP & TECHNOL	1	0.9	0	292,500	*	0	
TOTAL	2	1.2	0	390,000	*	0	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - DEL STATE COL DOVER OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980	OCI
0400 AIR AND CLIMATE	1	0.2	33,711	33,711	*	0	
0800 WILDLIFE AND FISH	3	1.8	83,193	86,391	*	3,248	
2000 FORAGE CROPS	4	1.1	48,432	75,813	*	27,381	
3100 DAIRY CATTLE	2	0.8	18,200	44,914	*	26,714	
3800 FOOD	1	1.0	0	42,828	*	42,828	
4000 PEOPLE AS INDIVIDUAL	5	2.0	91,627	99,897	*	8,270	
9900 UNCLASSIFIED	1	0.0	96,437	96,437	*	0	
TOTAL	17	6.0	371,550	479,990	*	108,440	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FLORIDA A&M TALLAHASSEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAE'S SYS 1980	OCI AMOUNT 1980
0100 SOIL AND LAND	4	0.4	24,262	25,539	*	1,298
0200 WATER	4	6.8	311,145	312,154	*	1,009
0600 TIMBER FOREST PRODUCT	1	0.1	7,542	7,542	*	0
0800 WILDLIFE AND FISH	4	0.3	56,718	58,941	*	2,223
2400 PEANUTS	1	2.0	82,591	82,591	*	0
3000 BEEF CATTLE	1	0.8	53,734	53,734	*	0
3800 FOOD	1	1.0	58,819	58,819	*	0
4000 PEOPLE AS INDIVIDUAL	3	1.1	64,753	73,019	*	8,266
4100 FAMILY MEMBERS	1	0.2	14,901	14,901	*	0
9900 UNCLASSIFIED	1	0.0	29,000	29,000	*	0
TOTAL	21	12.7	699,443	712,238	*	12,795

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FT. VALLEY COL FORT VALLEY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAE'S SYS 1980	OCI AMOUNT 1980
0100 SOIL AND LAND	1	0.3	120,724	120,724	*	0
1000 FRUIT NUTS DECIDUCUS	4	1.1	158,568	237,817	*	79,249
1200 VEGETABLES	6	1.8	350,880	352,102	*	1,222
2300 SOYBEANS	3	0.9	137,161	151,115	*	13,954
2900 POULTRY	1	0.5	0	38,430	*	38,430
3000 BEEF CATTLE	4	0.7	207,332	213,684	*	6,352
3200 SWINE	2	0.1	0	2,963	*	2,963
3300 SHEEP AND WOOL	2	0.2	50,582	52,248	*	1,666
3400 OTHER ANIMALS	1	0.3	0	35,276	*	35,276
3600 FARM SUPP & FACILITS	4	1.0	0	103,769	*	103,769
3800 FOOD	1	0.0	0	2,683	*	2,683
4000 PEOPLE AS INDIVIDUAL	3	0.2	23,417	57,107	*	33,690
4100 FAMILY MEMBERS	4	0.7	55,763	109,578	*	53,815
4300 SOC POLIT ORGANIZ	2	0.3	22,817	22,817	*	0
4400 AGRIC ECONOMY U S	1	0.1	2,179	2,179	*	0
6100 WEEDS	1	0.1	0	2,590	*	2,590
6700 PLANTS	1	0.1	0	2,590	*	2,590
TOTAL	41	8.2	1,129,422	1,507,670	*	378,248

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - KY STATE COLL FRANKFORT OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAE'S SYS 1980	OCI AMOUNT 1980
1400 CORN	1	0.0	0	4,065	*	4,065
1600 RICE	1	0.0	0	4,065	*	4,065
3100 DAIRY CATTLE	2	0.2	0	9,837	*	9,837
3800 FOOD	13	4.7	415,566	526,055	*	110,490
4000 PEOPLE AS INDIVIDUAL	15	4.4	215,404	369,657	*	154,254
4100 FAMILY MEMBERS	6	3.2	148,766	260,400	*	111,634
4300 SOC POLIT ORGANIZ	5	3.0	314,064	336,562	*	22,498
6300 BIO CELL SYSTEMS	1	0.4	0	2,857	*	2,857
6700 PLANTS	1	0.0	0	12,196	*	12,196
TOTAL	45	15.8	1,093,799	1,525,693	*	431,894

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SOUTHERN UNIV BATON ROUGE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAE'S SYS 1980	OCI AMOUNT 1980
0800 WILDLIFE AND FISH	1	0.1	0	435	*	435
1200 VEGETABLES	3	0.6	64,261	74,737	*	10,476
2300 SOYBEANS	6	1.7	76,879	169,015	*	92,136
2900 POULTRY	2	0.7	96,460	106,119	*	9,659
3000 BEEF CATTLE	2	1.0	105,237	273,292	*	165,055
3100 DAIRY CATTLE	2	0.7	105,077	116,338	*	11,261
3200 SWINE	1	0.1	98,906	98,906	*	0
3400 OTHER ANIMALS	1	0.0	0	3,353	*	3,353
4000 PEOPLE AS INDIVIDUAL	2	1.1	97,945	97,945	*	0
4100 FAMILY MEMBERS	1	1.0	53,663	53,663	*	0
4200 FARM AS BUSINESS	1	0.2	0	25,853	*	25,853
4300 SOC POLIT ORGANIZ	1	1.2	60,195	60,195	*	0
4800 MARKETING SYSTEMS	1	0.7	0	46,664	*	46,664
TOTAL	24	9.1	761,623	1,126,515	*	364,892

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - JOHN HOPKINS BALTIMORE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS)	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAE'S SYS 1980	OCI AMOUNT 1980
3300 SHEEP AND WOOL	1	2.4	15,787	211,853	*	0
TOTAL	1	2.4	15,787	211,853	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ND. STATE COL PRINCESS ANN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	2	0.1	17,886	18,005	*	159
0800 WILDLIFE AND FISH	2	0.5	0	35,514	*	35,514
2000 FORAGE CROPS	2	0.2	26,768	27,007	*	239
2300 SOYBEANS	7	2.3	259,219	319,921	*	60,702
3200 SWINE	2	1.2	9,980	10,412	*	30,432
4000 PEOPLE AS INDIVIDUAL	2	0.0	0	3,969	*	3,969
4100 FAMILY MEMBERS	7	0.5	201,439	230,086	*	28,647
4200 FARM AS BUSINESS	1	0.0	0	33	*	33
4300 SOC POLIT ORGANIZ	3	0.2	86,331	96,628	*	10,297
6700 PLANTS	2	0.2	5,447	5,557	*	110
TOTAL	30	5.2	607,029	777,131	*	170,102

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALCORE AGM LORMAN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	2	0.6	0	168,393	*	168,393
0200 WATER	1	0.1	0	45,705	*	45,705
0800 WILDLIFE AND FISH	1	0.0	0	9,913	*	9,913
1200 VEGETABLES	1	0.4	0	19,222	*	19,222
1900 PASTURE	2	0.5	162,275	181,702	*	19,427
3000 BEEF CATTLE	2	1.2	378,641	423,970	*	45,330
3200 SWINE	2	0.0	0	20,376	*	20,376
3800 FOOD	2	0.3	19,224	67,349	*	48,125
3900 HOUSING & EQUIP	1	0.3	0	73,399	*	73,399
4000 PEOPLE AS INDIVIDUAL	7	1.5	194,416	282,431	*	88,015
4100 FAMILY MEMBERS	2	0.5	64,314	64,314	*	0
4200 FARM AS BUSINESS	1	0.1	11,427	11,427	*	0
4300 SOC POLIT ORGANIZ	1	0.1	25,121	25,121	*	0
4400 AGRIC ECONOMY U S	1	0.1	11,427	11,427	*	0
6100 WEEDS	1	0.4	0	19,222	*	19,222
6500 INVERTEBRATES	1	0.0	0	19,826	*	19,826
6800 ANIMALS(VERTEBRATES)	1	0.0	0	19,826	*	19,826
TOTAL	29	6.0	866,843	1,463,619	*	596,776

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - LINCOLN UNIV JEFFERSON CITY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
1200 VEGETABLES	1	0.6	190,189	190,189	*	0
2300 SOYBEANS	2	1.6	138,252	150,299	*	16,047
3000 BEEF CATTLE	1	0.2	0	2,867	*	2,867
3100 DAIRY CATTLE	3	0.4	78,313	81,216	*	2,903
3200 SWINE	2	1.0	167,814	170,681	*	2,867
3300 SHEEP AND WOOL	4	1.2	179,001	181,976	*	2,975
3400 OTHER ANIMALS	1	1.0	212,564	212,564	*	0
4000 PEOPLE AS INDIVIDUAL	3	2.0	0	152,812	*	152,812
4100 FAMILY MEMBERS	2	1.5	156,626	244,184	*	87,558
6800 ANIMALS(VERTEBRATES)	1	0.5	0	33,362	*	33,362
TOTAL	20	10.0	1,118,759	1,420,151	*	301,392

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW YORK YONKERS OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
2300 SOYBEANS	2	0.5	0	55,457	*	37,861
TOTAL	2	0.5	0	55,457	*	37,861

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - AG TECH NC. GREENSBORO OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	6	5.4	409,275	416,505	*	7,230
0200 WATER	1	0.8	0	47,349	*	47,349
0500 RECREATION RESOURCES	2	1.8	0	73,237	*	73,237
0800 WILDLIFE AND FISH	3	1.3	71,374	86,317	*	14,943
2000 FORAGE CROPS	1	0.5	71,991	71,991	*	0
2600 TOBACCO	2	1.1	35,716	121,639	*	85,923
2900 POULTRY	1	1.8	103,603	103,603	*	0
3000 BEEF CATTLE	3	1.6	241,739	252,255	*	10,516
3100 DAIRY CATTLE	2	1.3	0	112,667	*	112,667
3200 SWINE	2	0.9	198,572	219,684	*	21,112
3300 SHEEP AND WOOL	2	0.3	64,006	64,518	*	512
3400 OTHER ANIMALS	1	0.3	0	29,555	*	29,555
3600 FARM SUPP & FACILITS	1	0.2	13,312	13,312	*	0
3700 CLOTHING & TEXTILES	3	0.7	18,680	34,298	*	15,658
3900 HOUSING & EQUIP	4	10.5	42,085	94,355	*	52,270
4000 PEOPLE AS INDIVIDUAL	6	2.1	160,087	214,914	*	54,827
4100 FAMILY MEMBERS	2	0.4	28,177	28,177	*	0
4200 FARM AS BUSINESS	2	0.6	62,605	62,605	*	0
4600 FARM COOPERATIVES	2	0.6	29,734	32,656	*	2,922
6400 EXP DESIGN/STAT METH	2	0.3	42,085	48,657	*	6,572
6700 PLANTS	1	1.0	0	67,004	*	67,004
TOTAL	49	33.3	1,593,001	2,195,298	*	602,297

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - LANGSTON UNIV LANGSTON OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1	0-0	0	792	*	792
0200 WATER	3	0-9	34,552	37,377	*	2,625
0300 WATERSHEDS RIVER BAS	3	2-0	69,103	75,695	*	6,592
0800 WILDLIFE AND FISH	1	0-0	115,172	115,172	*	0
1200 VEGETABLES	1	1-0	115,172	115,172	*	0
2100 COTTON	6	6-0	230,344	304,031	*	73,687
2300 SOYBEANS	1	1-0	115,172	115,172	*	0
2400 PEANUTS	1	1-0	0	29,287	*	29,287
3700 CLOTHING & TEXTILES	1	0-5	0	56,087	*	56,087
3800 FOOD	1	0-5	0	66,717	*	66,717
4000 PEOPLE AS INDIVIDUAL	2	1-5	0	122,544	*	122,544
6700 PLANTS	1	0-1	11,517	11,517	*	0
9900 UNCLASSIFIED	1	0-0	115,173	115,173	*	0
TOTAL	23	14-5	806,205	1,164,736	*	358,531

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SC STATE COLL ORANGEBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1	0-3	0	26,381	*	26,381
0200 WATER	2	1-3	0	115,938	*	115,938
0800 WILDLIFE AND FISH	1	0-5	0	42,725	*	42,725
1200 VEGETABLES	2	0-9	59,178	67,318	*	8,140
1400 CORN	1	0-3	0	18,993	*	18,993
2300 SOYBEANS	2	1-3	0	165,910	*	165,910
3800 FOOD	3	0-9	24,992	87,310	*	62,318
4000 PEOPLE AS INDIVIDUAL	7	5-1	474,513	495,576	*	21,063
4100 FAMILY MEMBERS	4	2-3	114,689	139,915	*	25,266
4200 FARM AS BUSINESS	1	1-2	59,304	59,304	*	0
9900 UNCLASSIFIED	1	0-0	5,522	5,522	*	0
TOTAL	25	14-0	738,158	1,224,892	*	486,734

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - TENN AGH IND NASHVILLE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SAES AMOUNT 1980
1200 VEGETABLES	1	0-5	137,820	137,820	*	0
1300 ORNAMENTALS TURF	3	0-0	0	36,785	*	36,785
1400 CORN	1	0-2	0	34,216	*	34,216
2000 FORAGE CROPS	1	1-5	57,425	57,425	*	0
2300 SOYBEANS	4	4-0	275,640	351,250	*	75,610
2900 POULTRY	2	0-0	91,880	100,110	*	8,230
3000 BEEF CATTLE	2	0-7	0	74,297	*	74,297
3200 SWINE	1	0-0	0	31,158	*	31,158
3400 OTHER ANIMALS	2	0-0	0	32,048	*	32,048
3800 FOOD	2	1-2	137,820	141,423	*	3,603
3900 HOUSING & EQUIP	1	0-0	0	1,622	*	1,622
4000 PEOPLE AS INDIVIDUAL	9	0-9	10,337	90,102	*	79,766
4100 FAMILY MEMBERS	11	1-6	57,425	201,232	*	143,807
4200 FARM AS BUSINESS	3	1-7	126,336	143,887	*	17,551
4300 SOC POLIT ORGANIZ	8	2-8	253,819	275,863	*	22,045
4400 AGRIC ECONOMY U S	1	0-2	0	38,042	*	38,042
4800 MARKETING SYSTEMS	1	0-0	0	3,244	*	3,244
6400 EXP DESIGN/STAT METH	1	0-3	0	26,266	*	26,266
TOTAL	54	15-6	1,148,501	1,772,790	*	624,289

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - PRAIRIE VW AGH PRAIRIE VIEW OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	3	0-9	27,500	49,603	*	22,103
1200 VEGETABLES	2	0-0	0	17,226	*	17,226
1700 WHEAT	2	0-3	8,750	8,770	*	20
2000 FORAGE CROPS	3	1-2	8,750	82,987	*	74,197
2300 SOYBEANS	1	1-0	0	39,497	*	39,497
2400 PEANUTS	1	0-0	0	20	*	20
2500 OTHER OILSEED CROPS	1	0-0	0	20	*	20
2900 POULTRY	3	0-3	8,750	16,435	*	7,686
3000 BEEF CATTLE	2	0-3	8,750	31,663	*	22,913
3100 DAIRY CATTLE	1	0-0	0	452,532	*	452,532
3200 SWINE	2	3-2	529,608	545,041	*	15,433
3400 OTHER ANIMALS	2	6-8	937,120	937,152	*	32
3600 FARM SUPP & FACILTS	1	0-6	0	22,716	*	22,716
4000 PEOPLE AS INDIVIDUAL	4	0-4	0	170,974	*	170,974
4100 FAMILY MEMBERS	1	0-0	0	6,565	*	6,565
4200 FARM AS BUSINESS	1	0-1	0	15,298	*	15,298
4300 SOC POLIT ORGANIZ	1	0-0	0	6,951	*	6,951
6700 PLANTS	1	0-3	0	10,712	*	10,712
TOTAL	32	15-2	1,529,227	2,414,120	*	884,893

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - VA STATE COLL PETERSBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	2	0-7	52,961	63,340	*	10,379
1000 FRUIT NUTS DECIDUGUS	1	0-2	27,808	27,808	*	0
1200 VEGETABLES	8	4-6	564,628	657,985	*	93,357
1500 GRAIN SORGHUM	1	0-2	0	9,720	*	9,720
1700 WHEAT	1	0-2	0	9,720	*	9,720
2000 FORAGE CROPS	1	0-4	67,585	67,585	*	0
2300 SOYBEANS	3	1-1	0	92,052	*	92,052
2400 PEANUTS	1	0-1	0	11,300	*	11,300
2900 POULTRY	2	0-3	0	40,586	*	33,830
3000 BEEF CATTLE	1	0-5	0	43,792	*	43,792
3200 SWINE	4	1-8	89,648	199,515	*	109,867
3800 FOOD	5	1-2	62,752	136,159	*	73,407
4000 PEOPLE AS INDIVIDUAL	6	2-9	127,607	238,277	*	110,671
4100 FAMILY MEMBERS	1	0-5	34,178	34,178	*	0
6700 PLANTS	2	0-3	0	17,135	*	10,379
TOTAL	39	18-8	1,027,167	1,649,100	*	608,422

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY AGENCY				NATIONAL TOTAL USDA RESEARCH AGENCIES		
	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CB ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SAES SYS 1980	AMOUNT 1980
AGRICULTURAL RESEARCH	2803	2936.9	360,346,926	360,346,926	166.5	20,654,320
COOPERATIVE RESEARCH	194	0.0	14,332,567	14,332,567	0.0	14,332,567
COMPETITIVE RESEARCH GRANT	193	0.0	14,333,000	14,333,000	0.0	0
ECONOMICS STATISTICS CCOP	292	475.1	42,357,500	42,625,500	0.0	73,100
U S FOREST SERVICE	237	964.1	106,454,000	117,489,300	0.0	0
TOTAL	3719	4376.1	537,823,993	549,127,293	166.5	35,059,987

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY STATION

				-SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
	NO OF PBOJ	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
CONNECTICUT NEW HAVEN	54	36.5	620,754	2,352,875	*	3,249
CONNECTICUT STORRS	71	27.8	744,248	2,299,892	*	19,493
DIST OF COLUM WASHINGTON	4	0.0	70,812	70,812	*	0
DELAWARE NEWARK	91	27.8	954,926	3,029,473	*	75,862
MASSACHUSETTS AMHERST	115	45.2	1,620,469	3,773,129	*	231,616
MARYLAND COLLEGE PA	188	62.0	1,842,186	6,643,329	*	24,210
MAINE ORONO	115	61.6	1,540,896	5,618,477	*	739,713
NEW HAMPSHIRE DURHAM	73	29.9	1,129,546	2,117,768	*	38,739
NEW JERSEY NEW BRUNSW	302	99.3	1,845,683	13,988,748	*	449,804
NEW YORK ITHACA	703	253.6	3,277,276	29,197,958	*	1,471,760
NEW YORK GENEVA	135	67.5	578,672	5,353,644	*	277,394
PENNSYLVANIA COLLEGE PA	321	127.0	4,328,560	13,605,263	*	798,257
RHODE ISLAND KINGSTON	48	31.7	897,634	2,718,568	*	27,065
VERMONT BURLINGTON	70	27.5	989,281	2,257,383	*	110,394
WEST VIRGINIA MORGANTOWN	103	35.2	2,021,829	6,213,445	*	87,906
SUBTOTAL - SAES	2393	952.6	22,462,772	97,320,924	*	4,355,442
DEL STATE COL DOVER	15	6.0	371,550	479,990	*	108,440
JOHN HOPKINS BALTIMORE	1	2.8	15,787	211,853	*	0
MD. STATE COL PRINCESS A	21	5.2	607,029	777,131	*	170,102
NEW YORK YONKERS	2	0.5	0	55,457	*	37,861
SUBTOTAL - OCI	39	14.1	994,366	1,524,431	*	316,403
FORESTRY SCH SYRACUSE	137	47.8	207,027	5,051,956	*	552,155
FORESTRY SCH BURLINGTON	10	4.7	176,351	417,159	*	12,282
SUBTOTAL - FRSTY SCH	147	52.5	383,378	5,469,115	*	564,397
TOTAL	2579	1019.2	23,840,516	104,299,003	*	5,236,242

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY STATION

				-SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
	NO OF PBOJ	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADMSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
ALABAMA AUBURN	222	143.2	3,166,892	15,114,897	*	503,241
ARKANSAS FAYETTEVILLE	295	113.8	2,696,597	15,813,017	*	585,452
FLORIDA GAINESVILLE	674	372.8	2,234,621	40,725,004	*	1,054,223
GEORGIA ATHENS	370	167.0	3,527,749	22,912,837	*	724,755
KENTUCKY LEXINGTON	213	120.8	3,524,626	11,339,438	*	57,089
LOUISIANA BATON ROUG	503	204.5	2,480,595	21,971,677	*	255,365
MISSISSIPPI STATE CCCL	279	180.4	3,301,579	20,114,096	*	1,025,916
NORTH CAROLINA RALEIGH	532	235.3	4,818,822	32,258,149	*	1,164,191
OKLAHOMA STILLWATER	270	88.4	2,360,684	10,078,105	*	661,516
PUEBTO RICO RIO PIEDRA	88	95.6	3,026,318	9,002,306	*	30,598
SOUTH CAROLINA CLEMSON	283	89.4	2,373,284	12,119,387	*	238,800
TENNESSEE KNOXVILLE	205	125.8	3,487,820	15,570,976	*	182,783
TEXAS COLLEGE ST	571	273.6	4,655,333	31,562,939	*	1,189,441
VIRGINIA BLACKSBURG	288	158.8	3,151,229	19,913,014	*	1,148,476
VIRGIN ISLANDS ST. THOMAS	10	4.5	244,393	313,176	*	2,229
SUBTOTAL - SAES	4803	2373.9	45,046,502	278,809,018	*	8,863,675
ALA TUSKEGEE TUSKEGEE	58	18.3	1,068,097	1,448,354	*	380,257
ALA A&M NORMAL	30	8.3	1,063,419	1,431,042	*	367,623
ARK A&M PINE BLUFF	30	12.1	884,092	1,245,949	*	363,346
FLORIDA A&M TALLAHASSE	12	12.7	699,443	712,238	*	12,795
FT. VALLEY COL FT. VALLE	34	8.2	1,129,422	1,507,670	*	378,248
NY STATE COLL FRANKFORT	26	15.8	1,093,799	1,525,693	*	431,894
SOUTHERN UNIV BATON ROUG	24	9.1	761,623	1,126,515	*	364,892
ALCORN A&M LOBION	19	6.0	866,883	1,463,619	*	596,776
AG TECH NC. GREENSBORO	45	33.3	1,593,001	2,195,298	*	602,297
LANGSTON UNIV LANGSTON	18	14.5	806,205	1,164,736	*	358,531
SC STATE COLL ORANGEBURG	21	14.0	738,158	1,224,892	*	466,734
TENN A&M IND. NASHVILLE	36	15.6	1,148,501	1,772,790	*	624,289
PRairie View A&M PRAIRIE VI	16	15.2	1,529,227	2,414,120	*	884,893
VA STATE COLL PETERSBURG	26	14.8	1,027,167	1,689,100	*	608,422
SUBTOTAL - OCI	395	197.9	14,368,997	20,882,016	*	6,460,997
FORESTRY SCH RUSTON	7	3.4	87,141	214,767	*	0
FORESTRY SCH CLEMSON	81	13.8	260,520	1,413,030	*	35,958
FORESTRY SCH NACOGDOCHE	25	5.0	140,977	542,611	*	169,003
SUBTOTAL - FRSTY SCH	113	22.2	488,638	2,170,808	*	204,961
TOTAL	5311	2594.0	59,904,137	301,866,000	*	15,529,633

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	-SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYN 1980	AMOUNT 1980
ILLINOIS	URBANA	316	150.7	3,823,268	16,249,924	*	578,584
INDIANA	LAFAYETTE	375	187.4	3,469,517	23,058,781	*	955,591
IOWA	AMES	384	126.4	4,047,089	21,839,475	*	1,821,040
KANSAS	MANHATTAN	514	191.5	2,539,475	20,766,379	*	510,448
MICHIGAN	LANSING	436	176.5	3,466,878	22,793,231	*	1,569,680
MINNESOTA	ST PAUL	383	149.5	3,636,772	25,391,777	*	1,708,721
MISSOURI	COLUMBIA	231	115.2	3,403,898	15,253,786	*	734,767
NORTH DAKOTA	FARGO	261	116.2	1,686,235	13,483,565	*	229,573
NEBRASKA	LINCOLN	269	138.1	2,411,147	28,550,762	*	994,832
OHIO	WOOSTER	337	121.3	4,080,941	19,835,607	*	739,732
SOUTH DAKOTA	BROOKINGS	195	106.9	1,788,321	6,341,900	*	201,751
WISCONSIN	MADISON	504	157.7	3,742,612	26,191,177	*	1,079,410
SUBTOTAL - SAES		4165	1737.4	38,096,153	236,356,364	*	11,124,089
LINCOLN UNIV	JEFFERSON	16	10.0	1,118,759	1,420,151	*	301,392
SUBTOTAL - OCI		16	10.0	1,118,759	1,420,151	*	301,392
FORESTRY SCH	CARBONDALE	20	4.6	96,268	256,930	*	6,198
FORESTRY SCH	ANN ARBOR	39	4.5	98,322	512,856	*	54,485
FORESTRY SCH	BOUGHTON	27	9.7	95,319	1,828,476	*	40,982
SUBTOTAL - FRSTY SCH		86	18.8	289,909	2,598,262	*	101,625
TOTAL		4267	1766.2	39,504,821	240,374,777	*	11,527,106

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTD (GROSS) 1980	-SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYN 1980	AMOUNT 1980
ALASKA	FAIRBANKS	29	9.9	834,472	3,020,626	*	8,000
ARIZONA	TUCSON	248	125.4	1,440,704	14,435,704	*	1,152,239
CALIFORNIA	BERKELEY	1222	548.0	3,971,547	75,084,653	*	3,866,183
COLORADO	FT COLLINS	203	133.6	1,941,389	17,256,767	*	1,383,698
GUAM	AGANA	19	8.7	442,530	1,55,464	*	8,359
HAWAII	HONOLULU	209	94.0	967,245	7,962,694	*	175,501
IDAHO	MOSCOW	142	65.4	1,473,927	8,328,276	*	283,708
MONTANA	BOZEMAN	189	82.7	1,474,851	8,576,469	*	273,968
NEVADA	RENO	100	37.2	904,941	3,884,968	*	200,969
NEW MEXICO	UNIV PARK	140	61.0	1,269,625	4,026,852	*	317,537
OREGON	CORVALLIS	338	145.8	1,882,229	20,038,156	*	793,041
UTAH	LOGAN	185	75.0	1,332,487	7,461,781	*	539,556
WASHINGTON	PULLMAN	328	133.6	2,549,270	19,052,906	*	1,026,003
WYOMING	LARAMIE	76	42.4	1,140,541	2,472,053	*	24,831
SUBTOTAL - SAES		3428	1562.7	21,625,758	192,357,329	*	9,645,549
CALIFORNIA	NEWBURY PA	1	1.2	0	390,000	*	0
SUBTOTAL - OCI		1	1.2	0	390,000	*	0
FORESTRY SCH	FLAGSTAFF	9	3.9	78,743	166,029	*	0
FORESTRY SCH	ARCATA	19	1.9	34,972	91,085	*	0
FORESTRY SCH	FT COLLINS	14	1.1	130,388	290,679	*	61,313
FORESTRY SCH	MOSCOW	118	32.4	228,723	3,490,183	*	600,676
FORESTRY SCH	MISSOULA	20	7.6	193,844	928,221	*	187,154
FORESTRY SCH	CORVALLIS	119	56.0	345,539	8,681,341	*	943,465
FORESTRY SCH	SEATTLE	19	55.8	187,419	4,199,110	*	469,578
SUBTOTAL - FRSTY SCH		318	158.7	1,199,628	13,846,648	*	2,262,186
TOTAL		3747	1722.6	22,825,386	206,604,886	*	11,907,735

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										REG IN HOUSE	SARS CW GT	015	010	SERV	USDA	TOTAL USDA	OTHER FED	NON- FED	
		I-H	SUPPORT	YEARS	C	G	CA	OTHER	SP	FD	SP										
0100 SOIL AND LAND	297	165.2	7.1	5.4	240.1	17425	1372	16	0	0	38	0	18847	321	0	19168					
0200 WATER	282	170.1	0.4	6.4	248.6	17280	1718	174	0	0	1	9	19178	335	0	19513					
0300 WATERSHEDS RIVER BAS	106	142.7	14.1	51.0	150.9	18996	199	12	0	0	862	0	16069	1434	0	17503					
0400 AIR AND CLIMATE	29	17.0	0.0	4.4	14.2	1756	60	0	0	0	4	0	1820	82	0	1901					
0500 RECREATION RESOURCES	22	36.1	6.0	8.9	13.9	3219	0	0	0	0	1012	0	4232	1042	0	5274					
0600 TIMBER FOREST PRODUCT	228	730.2	147.1	437.1	395.1	74975	633	103	0	0	6008	0	81719	6581	0	88300					
0700 RANGE	106	83.2	9.9	19.1	91.7	9447	131	31	0	0	502	0	10111	472	0	10583					
0800 WILDLIFE AND FISH	51	67.8	8.6	38.3	29.2	6303	554	3	0	0	980	0	7881	752	0	8592					
0900 CITRUS SUB TROP FRUT	110	84.5	0.0	0.0	174.6	9057	557	157	0	0	0	0	9771	0	0	9771					
1000 FRUIT NUTS DECIDUCUS	185	114.0	0.0	0.0	206.1	12759	898	211	0	0	0	0	13867	0	0	13867					
1100 POTATOES	56	38.3	0.0	0.0	60.1	3790	137	277	0	0	0	0	4205	0	0	4205					
1200 VEGETABLES	292	129.4	0.0	0.0	213.3	12938	1969	497	0	0	0	0	15400	0	0	15400					
1300 ORNAMENTALS TURF	70	34.9	0.0	0.0	103.2	4620	128	30	0	0	0	0	4978	0	0	4978					
1400 CORN	219	116.9	0.0	0.0	164.1	11155	990	174	0	0	0	0	12322	0	0	12322					
1500 GRAIN SORGHUM	85	24.8	0.0	0.0	26.8	2413	25	6	0	0	0	0	2445	0	0	2445					
1600 RICE	48	24.3	0.0	0.0	32.8	2068	34	194	0	0	0	0	2298	0	0	2298					
1700 WHEAT	198	108.4	0.0	0.0	151.2	10119	658	87	0	0	0	0	10868	0	0	10868					
1800 OTHER SMALL GRAINS	99	37.1	0.0	0.0	58.1	3732	451	32	0	0	0	0	4217	0	0	4217					
1900 PASTURE	35	9.7	0.0	0.0	13.8	964	143	0	0	0	0	0	1107	0	0	1107					
2000 FORAGE CROPS	205	114.7	0.0	0.0	154.4	11743	864	309	0	0	0	0	12915	0	0	12915					
2100 COTTON	223	207.2	0.0	0.0	453.7	22143	493	40	0	0	0	0	22676	0	0	22676					
2200 COTTONSEED	40	23.4	0.0	0.0	34.9	2056	6	32	0	0	0	0	2094	0	0	2094					
2300 SOYBEANS	210	124.5	0.0	0.0	187.1	12578	1459	540	0	0	0	0	14579	0	0	14579					
2400 PEANUTS	72	38.6	0.0	0.0	50.1	3628	85	146	0	0	0	0	3859	0	0	3859					
2500 OTHER OILSEED CROES	45	20.6	0.0	0.0	19.8	1667	128	64	0	0	0	0	1859	0	0	1859					
2600 TOBACCO	51	43.7	0.0	0.0	85.9	3906	734	123	0	0	0	0	4763	0	0	4763					
2700 SUGAR CROPS	109	56.6	0.0	0.0	197.3	7550	230	153	0	0	0	0	7933	0	0	7933					
2800 MISC NEW CROPS	60	37.1	0.0	0.0	46.3	2954	667	281	0	0	0	0	3902	0	0	3902					
2900 POULTRY	111	82.5	0.0	0.0	245.8	11085	1249	0	0	0	0	0	12333	0	0	12333					
3000 BEEF CATTLE	281	191.2	0.0	0.0	482.8	26807	2817	262	0	0	0	0	29525	0	0	29525					
3100 DAIRY CATTLE	201	98.4	0.0	0.0	324.2	17227	2654	111	0	0	0	0	19992	0	0	19992					
3200 SWINE	157	88.1	0.0	0.0	286.4	13110	1883	152	0	0	0	0	15171	0	0	15171					
3300 SHEEP AND WOOL	100	53.6	0.0	0.0	119.2	8025	914	0	0	0	0	0	8839	0	0	8839					
3400 OTHER ANIMALS	47	13.5	0.0	0.0	38.6	1812	851	113	0	0	0	0	2776	0	0	2776					
3500 BEES AND HONEY	46	32.7	0.0	0.0	48.2	2764	226	0	0	0	0	0	2390	0	0	2390					
3600 FARM SUPP & FACILTS	15	7.1	0.0	0.0	7.3	623	129	0	0	0	0	0	752	0	0	752					
3700 CLOTHING & TEXTILES	5	4.5	0.0	0.0	4.9	263	18	6	0	0	0	0	287	0	0	287					
3800 FOOD	105	100.7	0.0	0.0	138.2	12457	1221	5150	0	0	0	0	18828	0	0	18828					
3900 HOUSING & EQUIP	42	28.0	3.4	15.7	31	3153	618	0	0	0	0	0	3788	145	0	3933					
4000 PEOPLE AS INDIVIDUAL	97	94.8	0.0	0.0	137.0	10208	1119	987	0	0	0	0	12314	0	0	12314					
4100 FAMILY MEMBERS	35	23.6	0.0	0.0	28.5	1755	294	2896	0	0	0	0	4945	0	0	4945					
4200 FARM AS BUSINESS	3	5.7	0.0	0.0	3.8	481	0	0	0	0	0	0	10	491	0	0	491				
4300 SOC POLIT ORGANIZ	36	23.1	0.0	0.0	23.6	1588	164	0	0	0	0	0	1752	124	0	1875					
4400 AGRIC ECONOMY U S	34	99.0	0.0	0.0	104.5	8701	58	0	0	0	0	0	23	8782	0	0	8799				
4500 AGRIC ECONOMY FORGN	96	113.6	0.0	0.0	100.4	8196	0	0	0	0	0	0	0	8196	0	0	8196				
4600 FARM COOPERATIVES	26	9.0	1.3	0.0	4.6	568	73	15	0	0	0	0	0	656	0	0	656				
4800 MARKETING SYSTEMS	6	5.5	0.0	0.0	13.9	1544	15	0	0	0	0	0	294	1853	0	0	1853				
6100 WEEDS	53	20.2	0.0	0.0	28.1	2462	36	205	0	0	0	0	0	2703	0	0	2703				
6200 SEED RESEARCH	18	14.2	0.0	0.0	25.0	1498	53	55	0	0	0	0	0	1607	0	0	1607				
6300 BIO CELL SYSTEMS	59	11.0	0.0	0.0	18.6	1078	45	2747	0	0	0	0	0	3870	0	0	3870				
6400 EXP DESIGN/STAT METH	3	14.5	0.5	8.0	11.0	1189	0	0	0	0	0	0	0	1189	0	0	1189				
6500 INVERTEBRATES	85	118.2	0.0	0.0	175.4	10710	543	409	0	0	0	0	0	11662	0	0	11662				
6600 MICROORGANISMS, VIRUS	99	25.4	0.0	0.0	44.6	2619	263	3248	0	0	0	0	0	6229	0	0	6229				
6700 PLANTS	334	215.5	0.0	0.0	324.4	21283	2690	3467	0	0	0	0	0	285	27725	0	0	27725			
6800 ANIMALS (VERTEBRATES)	77	37.7	0.0	0.0	50.5	4241	740	0	0	0	0	0	0	76	5057	0	0	5057			
6900 RESEARCH ON RSCN RGM	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	213	0	0	213			
7000 RSCN EQUIP & TECHNOL	17	39.3	0.0	0.0	38.5	6091	201	0	0	0	0	0	0	0	6293	0	0	6293			
9900 UNCLASSIFIED	4	4.4	0.0	0.0	7.8	474	555	0	0	0	0	0	0	0	1029	0	0	1029			
TOTAL		5726	4376.1	198.4	586.2	6349.2	469052	35060	23514	0	0	9420	0	777	537823	11286	17	549126			

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO PROJ	STAFF SYS	I.H. PROF	SUPPORT TECH	YEARS OTHER	BEG IN HOUSE	C SAES	G CH	CA GT	OTHER 015	SP 010	FD 010	FD SERV	FORST USDA	TOTAL APPR	OTHER FED	FED FUND	HON- FED FUND	TOTAL
SERIES 100																			
101 APPRAISALS OF SOIL RES	1	0.4	0.0	0.0	0.0	117	0	0	0	0	0	0	0	117	0	0	0	117	
102 SOIL PLNT WTB NUTRI	169	91.3	0.0	0.6	156.3	9700	841	0	0	0	9	0	0	10551	52	0	0	10603	
103 MGMT OF SALINE SCRL	12	14.9	0.0	0.0	32.7	1681	169	0	0	0	0	0	0	1850	0	0	0	1850	
104 ALTEEN USE OF LAND	19	19.3	0.0	0.0	14.6	1707	84	20	0	0	0	0	0	1812	32	0	0	1843	
105 CONSERV USE OF WATE	125	80.8	0.1	0.6	123.0	8235	859	0	0	0	0	0	0	9094	68	0	0	9162	
106 DRAIN AND IRRIGATI	67	41.7	0.0	0.0	58.0	4041	1195	0	0	0	0	0	0	5236	0	0	0	5236	
107 WATERSHED PROT & MG	184	175.2	13.7	54.5	198.1	18878	528	22	0	0	0	0	0	19880	1666	0	0	21546	
108 ECOM LRG PROB OF WA	5	10.0	1.2	2.8	4.1	962	49	0	0	0	25	0	0	1036	11	0	0	1047	
109 WEATHER ADAPT & MOD	18	9.7	0.0	0.0	13.2	1173	79	0	0	0	0	0	0	1252	0	0	0	1252	
110 APPRAIS FORST & RAN	17	66.7	61.0	28.4	32.2	11058	0	4	0	0	0	0	0	11455	879	0	0	12334	
111 BIOL CULT MGMT PCRS	61	199.3	17.9	138.5	76.5	17124	60	0	0	0	0	0	0	1093	0	0	0	20783	
112 IMPROV RANGE RESCE	64	42.5	3.9	8.6	53.0	4841	119	27	0	0	0	0	0	158	0	0	0	5349	
113 REMOTE SENSING	11	35.6	0.0	0.0	39.8	5982	156	0	0	0	0	0	0	6138	0	0	0	6138	
114 RSCN OR MGMT OF BSC	1	0.0	0.0	0.0	0.0	0	213	0	0	0	0	0	0	213	0	0	0	213	
SUBTOTAL	714	787.5	97.7	233.9	801.6	85101	4352	73	0	0	2529	0	0	92056	5418	0	0	97474	
SERIES 200																			
201 CNTBL FORST INSECTS	44	104.6	6.5	61.6	44.2	10857	182	0	0	0	496	0	0	11535	408	0	0	11943	
202 COMTBL FOREST DIS	26	55.6	9.9	35.9	21.7	6716	2	0	0	0	1477	0	0	8194	530	0	0	8724	
203 FOREST FIRE PROTECT	19	69.3	14.7	22.8	20.5	6602	0	0	0	0	405	0	0	7006	763	0	0	7769	
204 CNTBL PESTS FBT & VE	134	75.1	0.0	0.0	167.7	8933	841	247	0	0	0	0	0	126	10148	0	0	10148	
205 CNTBL DISK FBT & VEG	177	74.4	0.0	0.0	138.1	7880	1126	458	0	0	0	0	0	87	9511	0	0	9511	
206 CNTBL WEEDS FBT & VE	55	14.7	0.0	0.0	20.9	1560	245	66	0	0	0	0	0	72	1943	0	0	1943	
207 CNTBL PESTS FLD CRP	236	157.4	0.0	0.5	315.9	17181	538	94	0	0	0	0	0	0	17819	0	0	17819	
208 CNTBL DIS FIELD CROP	264	130.5	0.0	0.0	204.1	13248	1022	1056	0	0	0	0	0	0	15326	0	0	15326	
209 CNTBL WEEDS FLD CRP	140	58.1	0.0	0.0	88.0	6486	685	98	0	0	0	0	0	0	7268	0	0	7268	
210 CNTBL PESTS ANIMALS	47	54.2	0.0	0.0	105.9	5501	730	216	0	0	0	0	0	54	6500	0	0	6500	
211 CNTBL DIS ANIMALS	217	131.7	0.0	0.0	628.3	28063	6349	181	0	0	0	0	0	0	22	34615	0	0	34615
212 CNTBL INTER PARASITE	31	35.0	0.0	0.0	111.2	4762	564	0	0	0	0	0	0	0	5326	0	0	5326	
213 PROT ANMLS FROM TOX	34	27.0	0.0	0.0	53.2	3022	681	0	0	0	0	0	0	0	3703	0	0	3703	
214 PROTECT FROM POLLUT	32	23.1	2.3	8.7	32.2	2533	513	0	0	0	0	0	0	0	121	0	0	3275	
SUBTOTAL	1456	1010.6	33.3	125.4	1951.9	123302	13476	2417	0	0	2505	0	0	361	142061	1809	0	0	143870
SERIES 300																			
301 GENET BREED FORST T	14	38.4	7.8	35.1	15.8	3489	20	0	0	0	285	0	0	3798	483	0	0	4276	
302 IMP FOREST ENG SYS	6	17.8	1.0	10.8	5.8	1788	17	0	0	0	192	0	0	1998	31	0	0	2029	
303 ECOM TIMBER PRODUCT	6	11.2	0.0	0.5	5.1	698	35	0	0	0	69	0	0	802	11	0	0	813	
304 IMP BIO EFF FBT & V	115	53.5	0.0	0.0	124.3	6630	525	363	0	0	0	0	0	0	7518	0	0	7518	
305 MECH PROD FBT & VEG	25	11.9	0.0	0.0	17.5	1163	114	0	0	0	0	0	0	0	1277	0	0	1277	
306 PROD MGMT SYS F V	4	0.7	0.0	0.0	1.4	50	32	0	0	0	0	0	0	0	82	0	0	82	
307 IMP BIO EFF FLD CRP	332	173.8	0.0	0.0	292.6	18751	1416	832	0	0	0	0	0	0	20999	0	0	20999	
308 MECH PROD FIELD CROP	60	36.2	0.0	0.0	65.1	4321	208	0	0	0	0	0	0	0	4529	0	0	4529	
309 PROD MGMT SYS FLD C	33	7.7	0.0	0.0	14.5	788	450	0	0	0	0	0	0	0	1238	0	0	1238	
310 ANIMAL REPRODUCTION	48	42.3	0.0	0.0	70.9	5850	591	114	0	0	0	0	0	0	6554	0	0	6554	
311 IMP BIO EFF ANML DR	128	71.8	0.0	0.0	195.3	13609	655	29	0	0	0	0	0	0	14287	0	0	14287	
312 ENV STRESS IN ANML	25	9.9	0.0	0.0	12.6	1210	151	0	0	0	0	0	0	0	1361	0	0	1361	
313 PROD MGMT SYS ANML	15	3.9	0.0	0.0	11.2	817	94	0	0	0	0	0	0	0	912	0	0	912	
314 BEES OTH POLLUTNG I	46	32.7	0.0	0.0	48.2	2764	226	0	0	0	0	0	0	0	2990	0	0	2990	
315 IMP STRUC FARM SUPP	23	6.6	0.0	0.0	7.5	790	555	0	0	0	0	0	0	0	1345	0	0	1345	
316 MACH/STRUCTS ANML P	13	5.9	0.0	0.0	11.9	1125	103	0	0	0	0	0	0	0	1229	0	0	1229	
318 NON-COR BIO TECH/BI	352	246.0	0.0	0.0	383.6	24335	1610	9351	0	0	0	0	0	0	35296	0	0	35296	
SUBTOTAL	1245	770.1	8.8	46.3	1283.3	88173	6803	10688	0	0	546	0	0	0	106210	524	0	0	106735
SERIES 400																			
401 NEW IMP FOREST PHOD	27	113.1	38.0	100.2	101.3	12496	266	0	0	0	934	0	0	13697	878	0	0	14575	
402 PROD F & V IMP ACCE	41	14.2	0.0	0.0	27.0	1714	42	0	0	0	0	0	0	0	1756	0	0	1756	
403 NEW & IMP FSV PRCD	50	56.5	0.0	0.0	70.7	4935	181	0	0	0	0	0	0	0	5116	0	0	5116	
404 HKT QUAL PETTS & VEG	79	56.5	0.0	0.0	79.1	5672	97	33	0	0	0	0	0	0	5802	0	0	5802	
405 PROD FLD CROP IMP A	127	77.9	0.0	0.0	114.5	7468	310	96	0	0	0	0	0	0	7874	0	0	7874	
406 NEW IMP FOOD FLD CR	56	97.3	0.0	0.0	129.4	8809	35	17	0	0	0	0	0	0	8861	0	0	8861	
407 NEW IMP NON-FOOD FC	76	93.7	0.0	0.0	144.5	8518	651	5	0	0	0	0	0	0	9174	0	0	9174	
408 HKT QUAL FIELD CROP	65	42.8	0.0	0.0	64.9	3982	113	18	0	0	0	0	0	0	4113	0	0	4113	
409 PROD ANML PR IMP AC	6	4.1	0.0	0.0	9.9	663	0	0	0	0	0	0	0	0	663	0	0	663	
410 IMP HEAT MILK EGG P	21	32.5	0.0	0.0	57.3	3308	9	0	0	0	0	0	0	0	3317	0	0	3317	
411 IMP NON-FOOD ANML P	14	33.3	0.0	0.0	41.3	2941	309	0	0	0	0	0	0	0	3250	0	0	3250	
412 HKT QUAL ANIMAL FRS	15	7.1	0.0	0.0	13.5	752	0	0	0	0	0	0	0	0	752	0	0	752	
SUBTOTAL	577	628.9	38.0	100.2	853.3	61257	2015	170	0	0	934	0	0	0	64375	878	0	0	65253
SERIES 600																			
601 FGM HKT DEVELOP	96	113.9	0.0	1.0	98.0	8055	0	0	0	0	108	0	0	8163	0	0	0	8163	
602 EVAL FGM FOOD AIDE P	1	2.7	0.0	0.0	2.4	210	0	0	0	0	0	0	0	0	210	0	0	210	
603 TECH AID DEV CRTY	20	18.4	0.0	0.0	4.0	412	171	698	0	0	0	0	0	0	1281	0	0	12	

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO. OF PROJ	STAFF										REG IN SALES	C CW	G GT	CA 015	OTHER SP 010	SP FD SERV	FD FOEST USDA	OTHER APPRAISAL USDA	TOTAL APPR USDA	OTHER FED FUND	NON- FED FUND	TOTAL			
		SYS	PROF	TECH	OTHER	HOUSE	REG IN SALES	C CW	G GT	CA 015	OTHER SP 010															
SERIES 800																										
801 RURAL HOUSING	11	14.3	0.0	5.0	10.7	1243	0	0	0	0	0	0	0	0	0	1243	38	0	1281							
802 INDIV & FAM DEC RAK	9	4.7	0.0	0.0	7.8	311	56	0	0	0	0	0	0	0	0	366	0	0	366							
803 RURAL POVERTY	1	0.0	0.0	0.0	0.0	0	11	0	0	0	0	0	0	0	0	11	0	0	11							
804 ECON POTENT BURL PE	7	17.2	0.0	0.0	19.2	1304	0	0	0	0	0	0	0	0	0	1304	0	0	1304							
805 COMMUNICAT RURAL PE	2	1.1	0.0	0.0	0.0	50	7	0	0	0	0	0	0	0	0	57	0	0	57							
806 ADJUSTMENT TO CHANG	8	12.3	0.0	0.0	15.9	1194	11	0	0	0	0	0	0	0	0	1204	0	0	1204							
807 AGRIC ECONOMIC CHAN	16	54.7	0.0	0.0	49.9	5694	58	0	0	0	0	0	0	0	0	5850	0	17	5867							
808 GOVT PROGRAMS	19	36.4	0.0	0.0	33.1	2889	0	0	0	0	0	0	0	0	0	2889	0	0	2889							
SUBTOTAL	73	140.7	0.0	5.0	136.6	12684	143	0	0	0	0	0	0	0	0	12926	38	17	12981							
SERIES 900																										
901 ALLEV POLLUTION	124	118.9	0.6	9.6	165.2	12139	593	69	0	0	82	9	12892	354	0	13246										
902 OUTDOOR RECREATION	16	27.1	4.0	4.8	11.0	1997	0	0	0	0	599	0	2596	279	0	2875										
903 MULTI-USE FOREST PO	14	28.3	2.9	3.8	8.2	2715	0	0	0	0	605	0	3320	1021	0	4341										
904 WDLFLF AND FISH ECO	39	59.8	5.0	32.7	23.5	5220	523	3	0	0	998	0	6744	682	0	7426										
905 TREES BEAUTIFICATIO	21	14.6	0.0	3.0	72.4	2780	51	0	0	0	0	0	2830	27	0	2857										
906 ORNAMENT & TURF LEV	63	33.0	0.0	0.0	84.5	4288	138	0	0	0	0	0	4425	0	0	4425										
907 RURAL INCOME IMP	15	12.1	0.0	0.0	10.5	805	58	0	0	0	0	0	864	46	0	910										
908 RURAL INSTITUT IMP	27	11.0	0.0	0.0	13.1	783	124	0	0	0	0	0	906	78	0	984										
990 UNCLASSIFIED	4	6.4	0.0	0.0	7.8	478	555	0	0	0	0	0	1029	0	0	1029										
SUBTOTAL	323	309.2	12.4	53.8	396.1	31200	2041	73	0	0	2284	9	35606	2487	0	38093										
SCIENCE IN SERV OF MAN																										
GRAND TOTAL	5096	4376.1	198.4	586.2	6349.2	469052	35060	23514	0	0	9420	777	537823	11286	17	549127										

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CLASSIFICATION CATEGORY	NO. OF PROJ.	COMMODITY	OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS												EXCLUSIVE OF PL-480 AND AID FUNDS											
			STAFF			I.H. SUPPORT			YEARS			REG IN			C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	USDA	AFFR
			SYS	PROF	TECH	OTHER	HOUSE	SAMES	CW	GT	015	010	SERV	USDA	APPR	FED	FED	FED	FUND	FUND	FUND	TOTAL				
0100 SOIL AND LAND	261	132.2	*	*	*	*	217.2	14084	853	16	0	0	0	0	0	14954	0	0	0	0	0	0	14954			
0200 WATER	247	129.0	*	*	*	*	220.1	13918	1568	174	0	0	0	0	0	15657	0	0	0	0	0	0	15657			
0300 WATERSHEDS RIVER EAS	73	57.7	*	*	*	*	121.9	7060	195	12	0	0	0	0	0	7267	0	0	0	0	0	0	7267			
0400 AIR AND CLIMATE	20	9.6	*	*	*	*	12.0	1070	0	0	0	0	0	0	0	1070	0	0	0	0	0	0	1070			
0600 TIMBER FOREST PRODUCT	30	19.3	*	*	*	*	56.4	2744	231	0	0	0	0	0	0	2978	0	0	0	0	0	0	2978			
0700 RANGE	79	45.5	*	*	*	*	80.3	5544	131	31	0	0	0	0	0	5706	0	0	0	0	0	0	5706			
0800 WILDLIFE AND FISH	16	5.8	*	*	*	*	8.6	667	70	3	0	0	0	0	0	740	0	0	0	0	0	0	740			
0900 CITRUS SUB TROP FRUT	103	83.9	*	*	*	*	173.6	9015	555	107	0	0	0	0	0	9677	0	0	0	0	0	0	9677			
1000 FRUIT NUTS DECIDUCUS	168	111.3	*	*	*	*	203.6	12584	747	86	0	0	0	0	0	13416	0	0	0	0	0	0	13416			
1100 POTATOES	48	37.4	*	*	*	*	60.0	3723	120	47	0	0	0	0	0	3890	0	0	0	0	0	0	3890			
1200 VEGETABLES	262	126.2	*	*	*	*	210.2	12719	1512	187	0	0	0	0	0	18418	0	0	0	0	0	0	18418			
1300 ORNAMENTALS TURF	69	38.9	*	*	*	*	103.2	4820	128	30	0	0	0	0	0	4978	0	0	0	0	0	0	4978			
1400 CORN	204	113.7	*	*	*	*	160.9	10927	584	34	0	0	0	0	0	11545	0	0	0	0	0	0	11545			
1500 GRAIN SORGHUM	80	22.8	*	*	*	*	25.0	2276	21	6	0	0	0	0	0	2303	0	0	0	0	0	0	2303			
1600 RICE	42	22.4	*	*	*	*	31.0	1932	31	94	0	0	0	0	0	2057	0	0	0	0	0	0	2057			
1700 WHEAT	185	105.9	*	*	*	*	148.8	9939	418	12	0	0	0	0	0	10369	0	0	0	0	0	0	10369			
1800 OTHER SMALL GRAINS	88	34.8	*	*	*	*	56.0	3576	335	8	0	0	0	0	0	3919	0	0	0	0	0	0	3919			
1900 PASTURE	33	9.7	*	*	*	*	13.8	964	142	0	0	0	0	0	0	1106	0	0	0	0	0	0	1106			
2000 FORAGE CROPS	200	114.7	*	*	*	*	154.4	11743	858	30	0	0	0	0	0	12630	0	0	0	0	0	0	12630			
2100 COTTON	215	205.1	*	*	*	*	451.7	21995	475	40	0	0	0	0	0	22510	0	0	0	0	0	0	22510			
2200 COTTONSEED	40	23.4	*	*	*	*	34.9	2056	6	32	0	0	0	0	0	2094	0	0	0	0	0	0	2094			
2300 SOYBEANS	190	121.7	*	*	*	*	184.3	12377	792	102	0	0	0	0	0	13272	0	0	0	0	0	0	13272			
2400 PEANUTS	66	36.8	*	*	*	*	48.4	3502	63	71	0	0	0	0	0	3636	0	0	0	0	0	0	3636			
2500 OTHER OILSEED CROPS	37	19.1	*	*	*	*	18.4	1560	20	44	0	0	0	0	0	1624	0	0	0	0	0	0	1624			
2600 TOBACCO	46	42.3	*	*	*	*	84.6	3809	710	88	0	0	0	0	0	4607	0	0	0	0	0	0	4607			
2700 SUGAR CROPS	96	52.5	*	*	*	*	145.0	7282	213	153	0	0	0	0	0	7648	0	0	0	0	0	0	7648			
2800 MISC NEW CROPS	48	34.3	*	*	*	*	43.3	2783	146	281	0	0	0	0	0	3210	0	0	0	0	0	0	3210			
2900 POULTRY	92	81.6	*	*	*	*	244.8	11003	325	0	0	0	0	0	0	11328	0	0	0	0	0	0	11328			
3000 BEEF CATTLE	255	185.9	*	*	*	*	439.8	26035	1336	262	0	0	0	0	0	27633	0	0	0	0	0	0	27633			
3100 DAIRY CATTLE	174	95.9	*	*	*	*	322.4	17043	764	111	0	0	0	0	0	17917	0	0	0	0	0	0	17917			
3200 SWINE	137	85.0	*	*	*	*	248.6	12885	886	152	0	0	0	0	0	13923	0	0	0	0	0	0	13923			
3300 SHEEP AND WOOL	92	53.4	*	*	*	*	119.0	8008	370	0	0	0	0	0	0	8378	0	0	0	0	0	0	8378			
3400 OTHER ANIMALS	41	13.5	*	*	*	*	38.6	1812	359	113	0	0	0	0	0	2283	0	0	0	0	0	0	2283			
3500 BEES AND HONEY	46	32.7	*	*	*	*	48.2	2764	226	0	0	0	0	0	0	2990	0	0	0	0	0	0	2990			
3600 FARM SUPP & FACILITS	4	2.0	*	*	*	*	4.0	228	0	0	0	0	0	0	0	228	0	0	0	0	0	0	228			
3700 CLOTHING & TEXTILES	5	4.5	*	*	*	*	4.9	263	18	6	0	0	0	0	0	287	0	0	0	0	0	0	287			
3800 FOOD	70	92.3	*	*	*	*	134.6	11821	933	2337	0	0	0	0	0	15091	0	0	0	0	0	0	15091			
3900 HOUSING & EQUIP	32	15.7	*	*	*	*	17.0	1629	262	0	0	0	0	0	0	1891	0	0	0	0	0	0	1891			
4000 PEOPLE AS INDIVIDUAL	77	74.8	*	*	*	*	114.0	8593	1058	987	0	0	0	0	0	10638	0	0	0	0	0	0	10638			
4100 FAMILY MEMBERS	27	8.7	*	*	*	*	12.1	530	279	2896	0	0	0	0	0	3705	0	0	0	0	0	0	3705			
4800 MARKETING SYSTEMS	1	0.3	*	*	*	*	0.1	74	0	0	0	0	0	0	0	74	0	0	0	0	0	0	74			
6100 WEEDS	49	20.2	*	*	*	*	28.1	2462	32	65	0	0	0	0	0	2559	0	0	0	0	0	0	2559			
6200 SEED RESEARCH	17	14.2	*	*	*	*	25.0	1498	53	0	0	0	0	0	0	1552	0	0	0	0	0	0	1552			
6300 BIO CELL SYSTEMS	17	11.0	*	*	*	*	18.6	1078	0	106	0	0	0	0	0	1184	0	0	0	0	0	0	1184			
6500 INVERTEBRATES	77	118.2	*	*	*	*	175.4	10710	541	137	0	0	0	0	0	11388	0	0	0	0	0	0	11388			
6600 MICROORGANISMS, VIRUS	49	25.4	*	*	*	*	44.6	2619	262	243	0	0	0	0	0	3124	0	0	0	0	0	0	3124			
6700 PLANTS	217	202.3	*	*	*	*	312.5	19839	755	64	0	0	0	0	0	20658	0	0	0	0	0	0	20658			
6800 ANIMALS (VERTEBRATES)	40	33.8	*	*	*	*	46.8	3830	346	0	0	0	0	0	0	4177	0	0	0	0	0	0	4177			
6900 RESEARCH ON RSCH EGM	1	0.0	*	*	*	*	0.0	0	213	0	0	0	0	0	0	213	0	0	0	0	0	0	213			
7000 RSCH EQUIP & TECHNOL	14	9.3	*	*	*	*	10.3	663	156	0	0	0	0	0	0	819	0	0	0	0	0	0	819			
9900 UNCLASSIFIED	4	4.4	*	*	*	*	7.8	474	555	0	0	0	0	0	0	1029	0	0	0	0	0	0	1029			
TOTAL	4484	2936.9	*	*	*	*	5480.6	330526	20654	9166	0	0	0	0	0	360386	0	0	0	0	0	0	360386			

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TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO. OF PROJ	STAFF										TOTAL										
		I.H.	SUPPORT	YEARS	REG	IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	USDA	APPR	OTHER	FED	NON-FED	TOTAL
		SYS	PROF	TECH	OTHER	HOUSE	SARS	CN	GT	015	010	SERV	USDA									
SERIES 100																						
101 APPRAIS OF SOIL BES	1	0.4	*	*	*	0.0	117	0	0	0	0	0	0	0	0	0	117	0	0	0	117	
102 SOIL PLNT WTR NUTRI	165	90.1	*	*	*	155.9	9585	779	0	0	0	0	0	0	0	0	10363	0	0	0	10363	
103 MGMT OF SALINE SCIL	11	14.9	*	*	*	32.7	1681	117	0	0	0	0	0	0	0	0	1798	0	0	0	1798	
104 ALTER USE OF LAND	3	0.8	*	*	*	1.8	77	0	20	0	0	0	0	0	0	0	97	0	0	0	97	
105 CONSERV USE OF WATE	110	66.3	*	*	*	109.4	6966	771	0	0	0	0	0	0	0	0	7737	0	0	0	7737	
106 DRAIN AND IRRIGAT	66	41.7	*	*	*	58.0	4041	1166	0	0	0	0	0	0	0	0	5207	0	0	0	5207	
107 WATERSHED PROT & MG	110	88.9	*	*	*	164.9	10339	368	22	0	0	0	0	0	0	0	10728	0	0	0	10728	
108 ECON LEG PROB OF WA	2	0.1	*	*	*	0.6	24	49	0	0	0	0	0	0	0	0	73	0	0	0	73	
109 WEATHER ADAPT & MOD	18	9.7	*	*	*	13.2	1173	79	0	0	0	0	0	0	0	0	1252	0	0	0	1252	
110 APPRAIS FORST & RAN	1	0.0	*	*	*	0.0	0	0	4	0	0	0	0	0	0	0	4	0	0	0	4	
111 BIOL CULT MGMT FCBS	1	0.8	*	*	*	1.6	81	0	0	0	0	0	0	0	0	0	81	0	0	0	81	
112 IMPROV RANGE RESCR	57	28.1	*	*	*	49.0	3417	119	27	0	0	0	0	0	0	0	3562	0	0	0	3562	
113 REMOTE SENSING	10	10.6	*	*	*	15.3	1199	156	0	0	0	0	0	0	0	0	1355	0	0	0	1355	
114 RSCH ON MGMT OF RSC	1	0.0	*	*	*	0.0	0	213	0	0	0	0	0	0	0	0	213	0	0	0	213	
	SUBTOTAL	556	352.4	*	*	602.0	38699	3817	73	0	42589	0	0	0	42589							
SERIES 200																						
201 CNTRL FORST INSECTS	11	8.1	*	*	*	3.3	802	180	0	0	0	0	0	0	0	0	982	0	0	0	982	
204 CMTR PESTS FRT & VE	113	69.6	*	*	*	162.9	8315	692	57	0	0	0	0	0	0	0	9064	0	0	0	9064	
205 CMTR DISE FRT & VEG	154	70.5	*	*	*	138.6	7408	1058	78	0	0	0	0	0	0	0	8544	0	0	0	8544	
206 CMTR WEEDS FRT & VE	42	10.9	*	*	*	17.3	1166	236	1	0	0	0	0	0	0	0	1402	0	0	0	1402	
207 CMTR PESTS FLD CROP	227	156.9	*	*	*	315.9	17122	517	2	0	0	0	0	0	0	0	17640	0	0	0	17640	
208 CMTR DIS FIELD CROP	238	130.5	*	*	*	204.1	13248	540	243	0	0	0	0	0	0	0	14030	0	0	0	14030	
209 CMTR WEEDS FLD CROP	131	58.1	*	*	*	88.0	6486	602	48	0	0	0	0	0	0	0	7135	0	0	0	7135	
210 CONTR PESTS ANIMALS	33	51.6	*	*	*	103.5	5219	412	216	0	0	0	0	0	0	0	5847	0	0	0	5847	
211 CONTR DIS ANIMALS	161	130.4	*	*	*	627.0	27933	2167	181	0	0	0	0	0	0	0	30282	0	0	0	30282	
212 CMTR INTER PARASITE	27	35.0	*	*	*	111.2	4762	93	0	0	0	0	0	0	0	0	4855	0	0	0	4855	
213 PROT ANMLS FROM TOX	28	27.0	*	*	*	53.2	3022	150	0	0	0	0	0	0	0	0	3172	0	0	0	3172	
214 PROTECT FROM POLLUT	22	15.5	*	*	*	25.9	1497	83	0	0	0	0	0	0	0	0	1541	0	0	0	1541	
	SUBTOTAL	1187	764.1	*	*	1847.0	96980	6690	826	0	104496	0	0	0	104496							
SERIES 300																						
304 IMP BIO EFF FRT & V	106	53.5	*	*	*	124.3	6630	410	48	0	0	0	0	0	0	0	7088	0	0	0	7088	
305 MECH PROD FRT & VEG	24	11.9	*	*	*	17.5	1163	112	0	0	0	0	0	0	0	0	1274	0	0	0	1274	
306 PROD MGMT SIS F & V	3	0.7	*	*	*	1.8	50	12	0	0	0	0	0	0	0	0	62	0	0	0	62	
307 IMP BIO EFF FLD CROP	313	173.8	*	*	*	292.6	18751	846	68	0	0	0	0	0	0	0	19665	0	0	0	19665	
308 MECH PROD FIELD CROP	58	36.2	*	*	*	65.1	4321	129	0	0	0	0	0	0	0	0	4850	0	0	0	4850	
309 PROD MGMT SYS FLD C	28	7.7	*	*	*	14.5	788	163	0	0	0	0	0	0	0	0	951	0	0	0	951	
310 ANIMAL REPRODUCTION	45	42.3	*	*	*	70.9	5850	258	114	0	0	0	0	0	0	0	6221	0	0	0	6221	
311 IMP BIO EFF ANML PB	120	71.8	*	*	*	195.3	13600	347	29	0	0	0	0	0	0	0	13980	0	0	0	13980	
312 ENV STRESS IN ANML	23	9.9	*	*	*	12.6	1210	119	0	0	0	0	0	0	0	0	1329	0	0	0	1329	
313 PROD MGMT SYS ANML	12	2.9	*	*	*	11.2	767	53	0	0	0	0	0	0	0	0	820	0	0	0	820	
314 BEES OTH POLLNTG I	46	32.7	*	*	*	48.2	2768	226	0	0	0	0	0	0	0	0	2990	0	0	0	2990	
315 IMP STRUC FARM SUPP	15	6.6	*	*	*	7.5	790	85	0	0	0	0	0	0	0	0	835	0	0	0	835	
317 MECH STRUCTS ANML P	12	5.9	*	*	*	11.9	1125	86	0	0	0	0	0	0	0	0	1212	0	0	0	1212	
318 NON-COM BIO TECH/BI	220	246.0	*	*	*	383.6	24335	1305	501	0	0	0	0	0	0	0	26141	0	0	0	26141	
	SUBTOTAL	1025	701.8	*	*	1256.6	82148	4111	759	0	87018	0	0	0	87018							
SERIES 400																						
402 PROD F & V IMP ACCE	39	14.2	*	*	*	27.0	1714	0	0	0	0	0	0	0	0	0	1714	0	0	0	1714	
403 NEW & IMP FEV PRCD	48	56.5	*	*	*	70.7	4935	62	0	0	0	0	0	0	0	0	4997	0	0	0	4997	
404 MKT QLAL FRITS & VEG	79	56.5	*	*	*	79.1	5672	97	33	0	0	0	0	0	0	0	5802	0	0	0	5802	
405 PROD FLD CROP IMA	127	77.9	*	*	*	114.5	7468	310	96	0	0	0	0	0	0	0	7874	0	0	0	7874	
406 NEW IMP FOOD FLD CR	56	97.3	*	*	*	129.4	8809	35	17	0	0	0	0	0	0	0	8861	0	0	0	8861	
407 NEW IMP NON-FOOD FC	65	93.7	*	*	*	144.5	8518	36	5	0	0	0	0	0	0	0	8559	0	0	0	8559	
408 MKT QLAL FIELD CROP	64	42.8	*	*	*	64.9	3982	73	18	0	0	0	0	0	0	0	4073	0	0	0	4073	
409 PROD ANML PR IMP AC	6	4.1	*	*	*	9.9	663	0	0	0	0	0	0	0	0	0	663	0	0	0	663	
410 IMP MEAT MILK EGG P	21	32.5	*	*	*	57.3	3308	9	0	0	0	0	0	0	0	0	3317	0	0	0	3317	
411 IMP NON-FOOD ANML P	11	33.3	*	*	*	41.3	2941	81	0	0	0	0	0	0	0	0	3021	0	0	0	3021	
412 MKT QLAL ANIMAL PRO	15	7.1	*	*	*	13.5	752	0	0	0	0	0	0	0	0	0	752	0	0	0	752	
	SUBTOTAL	531	515.8	*	*	752.0	48760	703	170	0	49633	0	0	0	49633							
SERIES 500																						
501 IMP GRADES & STANDS	26	22.7	*	*	*	45.8	2382	102	0	0	0	0	0	0	0	0	2484	0	0	0	2484	
503 MKTG EFF AGRI PRCD	41	23.9	*	*	*	31.9	2149	0	18	0	0	0	0	0	0	0	2167	0	0	0	2167	
506 SPLY DEMAND AND PRCD	1	0.1	*	*	*	0.2	11	0	0	0	0	0	0	0	0	0	11	0	0	0	11	
509 PERFORMANCE MKTG SY	1	0.8	*	*	*	0.8	66	0	0	0	0	0	0	0	0	0	66	0	0	0	66	
	SUBTOTAL	69	47.4	*	*	78.8	4608	102	18	0	4728	0	0	0	4728							
SERIES 600																						
603 TECH AID DEV CBTY	16	12.6	*	*	*	1.6	166	171	698	0	0	0	0	0	0	0	1035	0	0	0	1035	
604 PRD DVLPMT/MKTG PRG	19	21.9	*	*	*	31.1	2249	0	18	0	0	0	0	0	0	0	2267	0	0	0	2267	
	SUB																					

AGRICULTURAL RESEARCH

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SUPPORT SYS PROF TECH OTHER	YEARS REG IN C G CA OTHER SP FD SP FD FOREST OTHER	TOTAL			OTHER USDA APPR	NON-FED FUND	NON-FED FUND	TOTAL
				HOUSE SAES CH GT	015	010 SERV USDA				
SERIES 900										
901 AIR POLLUTION	93	86.5 *	* 149.3 9102 273 69 0 0 0 0	9845	0	0	9845			
904 WILDLIFE AND FISH ECO	10	2.5 *	* 5.5 263 40 3 0 0 0 0	307	0	0	307			
905 TREES BEAUTIFICATIO	19	12.1 *	* 71.4 2450 51 0 0 0 0 0	2500	0	0	2500			
906 ORNAMENT & TURF DEV	62	33.0 *	* 84.5 4288 137 0 0 0 0 0	4425	0	0	4425			
990 UNCLASSIFIED	4	4.4 *	* 7.8 474 555 0 0 0 0 0	1029	0	0	1029			
SUBTOTAL	188	138.6	* * 318.4 16577 1056 73 0 0 0 0	17705	0	0	17705			
SCIENCE IN SERV OF MAN										
GRAND TOTAL	3944	2936.9	* * 5480.6 330526 20654 9166 0 0 0 0	360346	0	0	360346			

COOPERATIVE RESEARCH

CLASSIFICATION CATEGORY		NO OF PROJ	STAFF I.H. SUPPORT YEARS SYS PROF TECH OTHER REG IN C G CA OTHER SP FD SP FD FORST OTHER HOUSE SAES CH GT 015 010 SERV USDA										TOTAL USDA APPR FUND				OTHER FED FUND			NON- FED FUND		EXCLUSIVE OF PL-480 AND AID FUNDS	
0100 SOIL AND LAND	12	0.0	0.0	0.0	0.0	0	519	0	0	0	0	0	0	519	0	0	0	519					
0200 WATER	8	0.0	0.0	0.0	0.0	0	146	0	0	0	0	0	0	146	0	0	0	146					
0300 WATERSHEDS RIVER BAS	2	0.0	0.0	0.0	0.0	0	4	0	0	0	0	0	0	4	0	0	0	4					
0400 AIR AND CLIMATE	1	0.0	0.0	0.0	0.0	0	60	0	0	0	0	0	0	60	0	0	0	60					
0600 TIMBER FOREST PRODUCT	7	0.0	0.0	0.0	0.0	0	402	0	0	0	0	0	0	402	0	0	0	402					
0800 WILDLIFE AND FISH	5	0.0	0.0	0.0	0.0	0	483	0	0	0	0	0	0	483	0	0	0	483					
0900 CITRUS SUB TROP FRUIT	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	0	2					
1000 FRUIT NUTS DECIDUCOUS	5	0.0	0.0	0.0	0.0	0	151	0	0	0	0	0	0	151	0	0	0	151					
1100 POTATOES	2	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	0	17	0	0	0	17					
1200 VEGETABLES	17	0.0	0.0	0.0	0.0	0	457	0	0	0	0	0	0	457	0	0	0	457					
1300 ORNAMENTALS TURF	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	1	0	0	0	1					
1400 CORN	7	0.0	0.0	0.0	0.0	0	405	0	0	0	0	0	0	405	0	0	0	405					
1500 GRAIN SORGHUM	1	0.0	0.0	0.0	0.0	0	4	0	0	0	0	0	0	4	0	0	0	4					
1600 RICE	1	0.0	0.0	0.0	0.0	0	3	0	0	0	0	0	0	3	0	0	0	3					
1700 WHEAT	7	0.0	0.0	0.0	0.0	0	240	0	0	0	0	0	0	240	0	0	0	240					
1800 OTHER SMALL GRAINS	5	0.0	0.0	0.0	0.0	0	115	0	0	0	0	0	0	115	0	0	0	115					
1900 PASTURE	2	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	1	0	0	0	1					
2000 FORAGE CROPS	2	0.0	0.0	0.0	0.0	0	6	0	0	0	0	0	0	6	0	0	0	6					
2100 COTTON	3	0.0	0.0	0.0	0.0	0	18	0	0	0	0	0	0	18	0	0	0	18					
2300 SOYBEANS	8	0.0	0.0	0.0	0.0	0	667	0	0	0	0	0	0	667	0	0	0	667					
2400 PEANUTS	1	0.0	0.0	0.0	0.0	0	22	0	0	0	0	0	0	22	0	0	0	22					
2500 OTHER OILSEED CROPS	3	0.0	0.0	0.0	0.0	0	107	0	0	0	0	0	0	107	0	0	0	107					
2600 TOBACCO	1	0.0	0.0	0.0	0.0	0	24	0	0	0	0	0	0	24	0	0	0	24					
2700 SUGAR CROPS	4	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	0	17	0	0	0	17					
2800 MISC NEW CROPS	9	0.0	0.0	0.0	0.0	0	521	0	0	0	0	0	0	521	0	0	0	521					
2900 POULTRY	15	0.0	0.0	0.0	0.0	0	924	0	0	0	0	0	0	924	0	0	0	924					
3000 BEEF CATTLE	20	0.0	0.0	0.0	0.0	0	1481	0	0	0	0	0	0	1481	0	0	0	1481					
3100 DAIRY CATTLE	24	0.0	0.0	0.0	0.0	0	1890	0	0	0	0	0	0	1890	0	0	0	1890					
3200 SWINE	14	0.0	0.0	0.0	0.0	0	997	0	0	0	0	0	0	997	0	0	0	997					
3300 SHEEP AND WOOL	6	0.0	0.0	0.0	0.0	0	544	0	0	0	0	0	0	544	0	0	0	544					
3400 OTHER ANIMALS	6	0.0	0.0	0.0	0.0	0	492	0	0	0	0	0	0	492	0	0	0	492					
3600 FARM SUPP & FACILITIS	4	0.0	0.0	0.0	0.0	0	129	0	0	0	0	0	0	129	0	0	0	129					
3800 FOOD	4	0.0	0.0	0.0	0.0	0	288	0	0	0	0	0	0	288	0	0	0	288					
3900 HOUSING & EQUIP	6	0.0	0.0	0.0	0.0	0	356	0	0	0	0	0	0	356	0	0	0	356					
4000 PEOPLE AS INDIVIDUAL	4	0.0	0.0	0.0	0.0	0	61	0	0	0	0	0	0	61	0	0	0	61					
4100 FAMILY MEMBERS	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	0	15					
4300 SOC POLIT ORGANIZ	3	0.0	0.0	0.0	0.0	0	164	0	0	0	0	0	0	164	0	0	0	164					
4400 AGRIC ECONOMY U S	1	0.0	0.0	0.0	0.0	0	58	0	0	0	0	0	0	58	0	0	0	58					
4800 MARKETING SYSTEMS	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	0	15					
6100 WEEDS	2	0.0	0.0	0.0	0.0	0	5	0	0	0	0	0	0	5	0	0	0	5					
6300 BIO CELL SYSTEMS	1	0.0	0.0	0.0	0.0	0	45	0	0	0	0	0	0	45	0	0	0	45					
6500 INVERTEBRATES	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	0	2					
6600 MICROORGANISMS, VIRUS	2	0.0	0.0	0.0	0.0	0	101	0	0	0	0	0	0	101	0	0	0	101					
6700 PLANTS	54	0.0	0.0	0.0	0.0	0	1934	0	0	0	0	0	0	1934	0	0	0	1934					
6800 ANIMALS (VERTEBRATES)	28	0.0	0.0	0.0	0.0	0	394	0	0	0	0	0	0	394	0	0	0	394					
7000 RSCH EQUIP & TECHNOL	1	0.0	0.0	0.0	0.0	0	45	0	0	0	0	0	0	45	0	0	0	45					
TOTAL		313	0.0	0.0	0.0	0.0	0	14333	0	0	0	0	0	0	14333	0	0	0	14333				

COOPERATIVE RESEARCH

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SYS P/B/P TECH OTHER	I.H. SUPPORT YEARS REG IS HOUSE SAES CH GT	C G CA OTHER SP 015 FD 010 SP FD SERV	FORST OTHER USDA APPR FUND	TOTAL USDA FED FUND	OTHER FED FUND	BON- FED FUND	TOTAL
SERIES 100									
102 SOIL PLNT WTR NUTRI	3	0.0	0.0	0.0	0.0	0	63	0	0
103 MNGT OF SALINE SOIL	1	0.0	0.0	0.0	0.0	0	52	0	0
104 ALTERM USE OF LAND	2	0.0	0.0	0.0	0.0	0	84	0	0
105 CONSERV USE OF WATE	3	0.0	0.0	0.0	0.0	0	88	0	0
106 DRAIN AND IRRIGATIO	1	0.0	0.0	0.0	0.0	0	29	0	0
107 WATERSHED PROT & MG	2	0.0	0.0	0.0	0.0	0	160	0	0
111 BIOL CULT MGMT FORBS	1	0.0	0.0	0.0	0.0	0	60	0	0
SUBTOTAL	13	0.0	0.0	0.0	0.0	0	535	0	0
SERIES 200									
201 CTRL FORST INSECTS	1	0.0	0.0	0.0	0.0	0	2	0	0
202 CONTROL FOREST DIS	1	0.0	0.0	0.0	0.0	0	2	0	0
204 CTRL PESTS FRT & VE	8	0.0	0.0	0.0	0.0	0	149	0	0
205 CTRL DISE FRT & VEG	7	0.0	0.0	0.0	0.0	0	67	0	0
206 CTRL WEEDS FRT & VE	3	0.0	0.0	0.0	0.0	0	10	0	0
207 CTRL PESTS FLD CROP	5	0.0	0.0	0.0	0.0	0	21	0	0
208 CTRL DIS FIELD CROP	13	0.0	0.0	0.0	0.0	0	482	0	0
209 CTRL WEEDS FLD CROP	8	0.0	0.0	0.0	0.0	0	83	0	0
210 CONTR PESTS ANIMALS	5	0.0	0.0	0.0	0.0	0	317	0	0
211 CONTR DIS ANIMALS	47	0.0	0.0	0.0	0.0	0	4182	0	0
212 CTRL INTR PARASITE	4	0.0	0.0	0.0	0.0	0	471	0	0
213 PROT ANMLS FROM TOX	6	0.0	0.0	0.0	0.0	0	531	0	0
214 PROTECT FROM POLLUT	7	0.0	0.0	0.0	0.0	0	469	0	0
SUBTOTAL	115	0.0	0.0	0.0	0.0	0	6785	0	0
SERIES 300									
301 GENET BREED FORST T	1	0.0	0.0	0.0	0.0	0	20	0	0
302 IMP FOREST ENG SIS	1	0.0	0.0	0.0	0.0	0	17	0	0
303 ECON TIMBER PRODUCT	1	0.0	0.0	0.0	0.0	0	35	0	0
304 IMP BIO EFF FRT & V	5	0.0	0.0	0.0	0.0	0	114	0	0
305 MECH PROD FRT & VEG	1	0.0	0.0	0.0	0.0	0	2	0	0
306 PROD MGMT SIS F & V	1	0.0	0.0	0.0	0.0	0	20	0	0
307 IMP BIO EFF FLD CRP	11	0.0	0.0	0.0	0.0	0	571	0	0
308 MECH PROD FIELD CRO	2	0.0	0.0	0.0	0.0	0	80	0	0
309 PROD MGMT SIS FLD C	5	0.0	0.0	0.0	0.0	0	287	0	0
310 ANIMAL REPRODUCTION	3	0.0	0.0	0.0	0.0	0	333	0	0
311 IMP BIO EFF ANMEL PR	8	0.0	0.0	0.0	0.0	0	308	0	0
312 ENV STRESSE IN ANML	2	0.0	0.0	0.0	0.0	0	31	0	0
313 PROD MGMT SIS ANML	2	0.0	0.0	0.0	0.0	0	42	0	0
315 IMP STRUC FARM SUPP	8	0.0	0.0	0.0	0.0	0	510	0	0
317 MECH/STRUCTS ANML P	1	0.0	0.0	0.0	0.0	0	17	0	0
318 NON-COM BIO TECH/BI	5	0.0	0.0	0.0	0.0	0	305	0	0
SUBTOTAL	57	0.0	0.0	0.0	0.0	0	2692	0	0
SERIES 400									
401 NEW IMP FOREST PROD	3	0.0	0.0	0.0	0.0	0	266	0	0
402 PROD F & V IMP ACCE	2	0.0	0.0	0.0	0.0	0	42	0	0
403 NEW & IMP FEV PRCD	2	0.0	0.0	0.0	0.0	0	119	0	0
407 NEW IMP NON-FOOD FC	11	0.0	0.0	0.0	0.0	0	615	0	0
408 HKT QUL FIELD CROP	1	0.0	0.0	0.0	0.0	0	40	0	0
411 IMP NON-FOOD ANMEL P	3	0.0	0.0	0.0	0.0	0	228	0	0
SUBTOTAL	22	0.0	0.0	0.0	0.0	0	1312	0	0
SERIES 500									
507 COMP REL IN AGRIC	2	0.0	0.0	0.0	0.0	0	38	0	0
508 DOMESTIC HKT DEVELOP	1	0.0	0.0	0.0	0.0	0	17	0	0
509 PERFORMANCE MKTG SY	1	0.0	0.0	0.0	0.0	0	44	0	0
510 GROUP ACT HKT POWER	1	0.0	0.0	0.0	0.0	0	15	0	0
SUBTOTAL	5	0.0	0.0	0.0	0.0	0	113	0	0
SERIES 700									
701 TOX RES IN FOOD	44	0.0	0.0	0.0	0.0	0	1750	0	0
702 FOOD PROT FROM TOX	1	0.0	0.0	0.0	0.0	0	51	0	0
707 TRANS ANMEL BAR DI	1	0.0	0.0	0.0	0.0	0	15	0	0
SUBTOTAL	46	0.0	0.0	0.0	0.0	0	1816	0	0
SERIES 800									
802 INDIV & FAM DEC FAK	1	0.0	0.0	0.0	0.0	0	15	0	0
803 RURAL POVERTY	1	0.0	0.0	0.0	0.0	0	11	0	0
806 ADJUSTMENT TO CHANG	1	0.0	0.0	0.0	0.0	0	11	0	0
807 AGRIC ECONOMIC CHAN	1	0.0	0.0	0.0	0.0	0	58	0	0
SUBTOTAL	4	0.0	0.0	0.0	0.0	0	95	0	0
SERIES 900									
901 ALLEV POLLUTION	12	0.0	0.0	0.0	0.0	0	319	0	0
904 WLDPF AND FISH ECO	4	0.0	0.0	0.0	0.0	0	483	0	0
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	0	1	0	0
907 RURAL INCOME IMP	2	0.0	0.0	0.0	0.0	0	58	0	0
908 RURAL INSTITUT IMP	3	0.0	0.0	0.0	0.0	0	124	0	0
SUBTOTAL	22	0.0	0.0	0.0	0.0	0	985	0	0
SCIENCE IN SERV OF MAN									
GRAND TOTAL	284	0.0	0.0	0.0	0.0	0	14333	0	0
									14333

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL				
		I.H.	SUPPORT	YEARS	BEG	IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER			
		SYS	PROF	TECH	CTHER	HOUSE	SAES	CW	GT	015	010	SERV	USDA						
0600 TIMBER FORST PRODUCT	3	0.0	0.0	0.0	0.0	0	0	103	0	0	0	0	0	103	0	0	0	103	
0900 CITRUS SUB TROP FRUT	1	0.0	0.0	0.0	0.0	0	0	50	0	0	0	0	0	50	0	0	0	50	
1000 FRUIT NUTS DECIDUCUS	3	0.0	0.0	0.0	0.0	0	0	125	0	0	0	0	0	125	0	0	0	125	
1100 POTATOES	4	0.0	0.0	0.0	0.0	0	0	230	0	0	0	0	0	230	0	0	0	230	
1200 VEGETABLES	4	0.0	0.0	0.0	0.0	0	0	310	0	0	0	0	0	310	0	0	0	310	
1400 CORN	2	0.0	0.0	0.0	0.0	0	0	180	0	0	0	0	0	180	0	0	0	180	
1600 RICE	1	0.0	0.0	0.0	0.0	0	0	100	0	0	0	0	0	100	0	0	0	100	
1700 WHEAT	1	0.0	0.0	0.0	0.0	0	0	75	0	0	0	0	0	75	0	0	0	75	
1800 OTHER SMALL GRAINS	1	0.0	0.0	0.0	0.0	0	0	25	0	0	0	0	0	25	0	0	0	25	
2000 FORAGE CROPS	3	0.0	0.0	0.0	0.0	0	0	279	0	0	0	0	0	279	0	0	0	279	
2300 SOYBEANS	6	0.0	0.0	0.0	0.0	0	0	438	0	0	0	0	0	438	0	0	0	438	
2400 PEANUTS	1	0.0	0.0	0.0	0.0	0	0	75	0	0	0	0	0	75	0	0	0	75	
2500 OTHER OILSEED CROPS	1	0.0	0.0	0.0	0.0	0	0	20	0	0	0	0	0	20	0	0	0	20	
2600 TOBACCO	1	0.0	0.0	0.0	0.0	0	0	35	0	0	0	0	0	35	0	0	0	35	
3800 FOOD	28	0.0	0.0	0.0	0.0	0	0	2813	0	0	0	0	0	2813	0	0	0	2813	
6100 WEEDS	2	0.0	0.0	0.0	0.0	0	0	180	0	0	0	0	0	180	0	0	0	180	
6200 SEED RESEARCH	1	0.0	0.0	0.0	0.0	0	0	55	0	0	0	0	0	55	0	0	0	55	
6300 BIO CELL SYSTEMS	41	0.0	0.0	0.0	0.0	0	0	2641	0	0	0	0	0	2641	0	0	0	2641	
6500 INVERTEBRATES	7	0.0	0.0	0.0	0.0	0	0	272	0	0	0	0	0	272	0	0	0	272	
6600 MICROORGANISMS, VIRUS	48	0.0	0.0	0.0	0.0	0	0	3004	0	0	0	0	0	3004	0	0	0	3004	
6700 PLANTS	54	0.0	0.0	0.0	0.0	0	0	3403	0	0	0	0	0	3403	0	0	0	3403	
TOTAL	213	0.0	0.0	0.0	0.0	0	0	14333	0	0	0	0	0	14333	0	0	0	14333	

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL				
		I.H.	SUPPORT	YEARS	BEG	IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER			
		SYS	PROF	TECH	CTHER	HOUSE	SAES	CW	GT	015	010	SERV	USDA						
SERIES 200																			
204 CNTR PESTS FRT & VE	4	0.0	0.0	0.0	0.0	0	0	190	0	0	0	0	0	190	0	0	0	190	
205 CNTR DISE FRT & VEG	7	0.0	0.0	0.0	0.0	0	0	380	0	0	0	0	0	380	0	0	0	380	
206 CNTR WEEDS FRT & VE	1	0.0	0.0	0.0	0.0	0	0	65	0	0	0	0	0	65	0	0	0	65	
207 CNTR PESTS FLD CROP	3	0.0	0.0	0.0	0.0	0	0	93	0	0	0	0	0	93	0	0	0	93	
208 CNTR DIS FIELD CROP	13	0.0	0.0	0.0	0.0	0	0	814	0	0	0	0	0	814	0	0	0	814	
209 CNTR WEEDS FLD CROP	1	0.0	0.0	0.0	0.0	0	0	50	0	0	0	0	0	50	0	0	0	50	
SUBTOTAL	29	0.0	0.0	0.0	0.0	0	0	1591	0	0	0	0	0	1591	0	0	0	1591	
SERIES 300																			
304 IMP BIO EFF FRT & V	4	0.0	0.0	0.0	0.0	0	0	315	0	0	0	0	0	315	0	0	0	315	
307 IMP BIO EFF FLD CRP	8	0.0	0.0	0.0	0.0	0	0	764	0	0	0	0	0	764	0	0	0	764	
318 NON-COM BIO TECH/BI	127	0.0	0.0	0.0	0.0	0	0	8850	0	0	0	0	0	8850	0	0	0	8850	
SUBTOTAL	139	0.0	0.0	0.0	0.0	0	0	9929	0	0	0	0	0	9929	0	0	0	9929	
SERIES 700																			
703 FOOD CONSUMP HABITS	1	0.0	0.0	0.0	0.0	0	0	190	0	0	0	0	0	190	0	0	0	190	
708 HUMAN NUTRITION	27	0.0	0.0	0.0	0.0	0	0	2623	0	0	0	0	0	2623	0	0	0	2623	
SUBTOTAL	28	0.0	0.0	0.0	0.0	0	0	2813	0	0	0	0	0	2813	0	0	0	2813	
SCIENCE IN SERV OF MAN																			
GRAND TOTAL	196	0.0	0.0	0.0	0.0	0	0	14333	0	0	0	0	0	14333	0	0	0	14333	

ECONOMICS STATISTICS COOPERATIVES SERVIC

TABLE III-B-0 SUMMARY BY CLASSIFICATION CATEGORY		COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS													EXCLUSIVE OF PL-480 AND AID FUNDS							
PROJ	NO OF	STAFF				REG IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	TOTAL	OTHER	NON-	FED	FUND	NON-FED FUND
		SYS	PROF	TECH	OTHER	HOUSE	SAES	CW	GT	015	010	SERV	USDA	APPR	FUND							
0100 SOIL AND LAND	19	22.6	0.0	0.0	15.2	1848	0	0	0	0	0	0	0	1848	32	0	1879					
0200 WATER	23	31.0	0.0	0.0	20.6	2411	0	0	0	0	0	0	9	2420	32	0	2452					
0300 WATERSHEDS RIVER BAS	2	5.0	0.0	0.0	1.5	394	0	0	0	0	0	0	0	394	0	0	394					
0400 AIR AND CLIMATE	3	0.5	0.0	0.0	0.3	22	0	0	0	0	0	0	0	22	16	0	37					
0500 RECREATION RESOURCES	3	0.5	0.0	0.0	0.3	22	0	0	0	0	0	0	0	22	16	0	37					
0700 RANGE	4	1.7	0.0	0.0	0.8	102	0	0	0	0	0	0	0	102	32	0	138					
0800 WILDLIFE AND FISH	1	0.1	0.0	0.0	0.2	12	0	0	0	0	0	0	0	12	0	0	12					
0900 CITRUS SUB TROP FRUT	5	0.6	0.0	0.0	1.0	42	0	0	0	0	0	0	0	42	0	0	42					
1000 FRUIT NUTS DECIDUOUS	9	2.7	0.0	0.0	2.6	175	0	0	0	0	0	0	0	175	0	0	175					
1100 POTATOES	2	0.8	0.0	0.0	0.1	67	0	0	0	0	0	0	0	67	0	0	67					
1200 VEGETABLES	9	3.2	0.0	0.0	3.1	215	0	0	0	0	0	0	0	215	0	0	215					
1400 CORN	6	3.2	0.0	0.0	3.2	228	0	0	0	0	0	0	0	232	0	0	232					
1500 GRAIN SORGHUM	4	2.0	0.0	0.0	1.8	137	0	0	0	0	0	0	0	139	0	0	139					
1600 RICE	4	2.0	0.0	0.0	1.8	137	0	0	0	0	0	0	0	139	0	0	139					
1700 WHEAT	5	2.6	0.0	0.0	2.4	180	0	0	0	0	0	0	4	188	0	0	188					
1800 OTHER SMALL GRAINS	5	2.2	0.0	0.0	2.1	156	0	0	0	0	0	0	2	157	0	0	157					
2100 COTTON	5	2.1	0.0	0.0	2.1	149	0	0	0	0	0	0	0	149	0	0	149					
2300 SOYBEANS	6	2.9	0.0	0.0	2.8	201	0	0	0	0	0	0	2	203	0	0	203					
2400 PEANUTS	4	1.8	0.0	0.0	1.7	126	0	0	0	0	0	0	0	126	0	0	126					
2500 OTHER OILSEED CROPS	4	1.5	0.0	0.0	1.4	107	0	0	0	0	0	0	0	107	0	0	107					
2600 TOBACCO	3	1.4	0.0	0.0	1.3	98	0	0	0	0	0	0	0	98	0	0	98					
2700 SUGAR CROPS	9	4.1	0.0	0.0	2.2	268	0	0	0	0	0	0	0	268	0	0	268					
2800 MISC NEW CROPS	3	2.8	0.0	0.0	2.9	170	0	0	0	0	0	0	0	170	0	0	170					
2900 POULTRY	4	0.9	0.0	0.0	1.0	82	0	0	0	0	0	0	0	82	0	0	82					
3000 BEEF CATTLE	6	5.4	0.0	0.0	2.7	372	0	0	0	0	0	0	39	411	0	0	411					
3100 DAIRY CATTLE	3	2.5	0.0	0.0	1.7	185	0	0	0	0	0	0	0	185	0	0	185					
3200 SWINE	6	3.1	0.0	0.0	1.8	225	0	0	0	0	0	0	26	251	0	0	251					
3300 SHEEP AND WOOL	2	0.2	0.0	0.0	0.2	17	0	0	0	0	0	0	0	17	0	0	17					
3600 FARM SUPP & FACILITS	7	5.1	0.0	0.0	3.3	395	0	0	0	0	0	0	0	395	0	0	395					
3800 FOOD	3	8.4	0.0	0.0	3.6	636	0	0	0	0	0	0	0	636	0	0	636					
4000 PEOPLE AS INDIVIDUAL	16	20.1	0.0	0.0	23.0	1615	0	0	0	0	0	0	0	1615	0	0	1615					
4100 FAMILY MEMBERS	7	15.0	0.0	0.0	16.4	1225	0	0	0	0	0	0	0	1225	0	0	1225					
4200 FARM AS BUSINESS	3	5.7	0.0	0.0	3.8	481	0	0	0	0	0	0	10	491	0	0	491					
4300 SOC POLIT ORGANIZ	33	23.1	0.0	0.0	23.6	1588	0	0	0	0	0	0	0	1588	124	0	1712					
4400 AGRIC ECONOMY U S	33	99.0	0.0	0.0	104.5	8701	0	0	0	0	0	0	23	8724	0	17	8741					
4500 AGRIC ECONOMY FORGN	96	113.6	0.0	0.0	100.4	8196	0	0	0	0	0	0	0	8196	0	0	8196					
4600 FARM COOPERATIVES	26	9.0	1.3	0.0	4.6	568	73	15	0	0	0	0	0	656	0	0	656					
4800 MARKETING SYSTEMS	4	5.2	0.0	0.0	13.8	1470	0	0	0	0	0	0	294	1768	0	0	1764					
6400 EXP DESIGN/STAT METH	3	14.5	0.5	4.0	11.0	1189	0	0	0	0	0	0	0	1189	0	0	1189					
6700 PLANTS	9	13.2	0.0	0.0	11.9	1444	0	0	0	0	0	0	285	1729	0	0	1729					
6800 ANIMALS (VERTEBRATES)	9	3.9	0.0	0.0	3.7	411	0	0	0	0	0	0	76	487	0	0	487					
7000 RSCH EQUIP & TECHNOL	2	30.0	0.0	0.0	28.2	5429	0	0	0	0	0	0	0	5429	0	0	5429					
TOTAL	410	475.1	1.8	4.0	430.4	41492	73	15	0	0	0	0	777	42358	251	17	42626					

ECONOMICS STATISTICS COOPERATIVES SERVIC

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF								REG IN HOUSE	C SAES	G CN	CA GT	OTHER SP 015	SP 010	FD SERV	FD USDA	FORST OTHER USDA	TOTAL APPR	OTHER FED FUND	NON- FED FUND	TOTAL		
		I.H.	SUPPORT	YEARS	REG	C SAES	G CN	CA GT	OTHER SP 015															
SERIES 100																								
104 ALTERN USE OF LAND	14	18.4	0.0	0.0	13.2	1630	0	0	0	0	0	0	0	0	0	0	0	1630	32	0	0	1662		
105 CONSERV USE OF WATE	11	13.0	0.0	0.0	12.9	1117	0	0	0	0	0	0	0	0	0	0	0	1117	32	0	0	1148		
107 WATERSHED PROT & MG	2	1.0	0.0	0.0	0.1	97	0	0	0	0	0	0	0	0	0	0	0	97	0	0	0	97		
108 ECOM LEG PROB OF WA	2	7.1	0.0	0.0	2.3	583	0	0	0	0	0	0	0	0	0	0	0	583	0	0	0	583		
110 APPRAIS FORST & BAM	4	1.7	0.0	0.0	0.8	102	0	0	0	0	0	0	0	0	0	0	0	102	32	0	0	134		
113 REMOTE SENSING	1	25.0	0.0	0.0	24.5	4783	0	0	0	0	0	0	0	0	0	0	0	4783	0	0	0	4783		
SUBTOTAL	34	66.3	0.0	0.0	53.7	8312	0	0	0	0	0	0	0	0	0	0	0	8312	95	0	0	8407		
SERIES 200																								
204 CMTR PESTS FBT & VE	9	5.5	0.0	0.0	4.8	618	0	0	0	0	0	0	0	0	0	0	0	126	745	0	0	0	745	
205 CMTR DISE FBT & VEG	9	3.9	0.0	0.0	3.5	432	0	0	0	0	0	0	0	0	0	0	0	87	519	0	0	0	519	
206 CMTR WEEDS FBT & VE	9	3.8	0.0	0.0	3.6	394	0	0	0	0	0	0	0	0	0	0	0	72	466	0	0	0	466	
210 CONTR PESTS ANIMALS	9	2.6	0.0	0.0	2.4	282	0	0	0	0	0	0	0	0	0	0	0	54	336	0	0	0	336	
211 CONTR DIS ANIMALS	9	1.3	0.0	0.0	1.3	129	0	0	0	0	0	0	0	0	0	0	0	22	151	0	0	0	151	
SUBTOTAL	45	17.1	0.0	0.0	15.6	1855	0	0	0	0	0	0	0	0	0	0	0	361	2216	0	0	0	2216	
SERIES 300																								
313 PROD MGMT SYS ANML	1	1.0	0.0	0.0	0.0	50	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	50		
SUBTOTAL	1	1.0	0.0	0.0	0.0	50	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	50		
SERIES 500																								
503 MKTG EFF AGRI PRCD	4	2.6	0.0	0.0	1.1	228	0	0	0	0	0	0	0	0	0	0	0	228	0	0	0	228		
506 SPLY DEMAND AND FBI	29	60.8	0.0	0.0	65.3	3870	0	0	0	0	0	0	0	0	0	0	0	3870	0	0	0	3870		
507 COMP REL IN AGRIC	1	0.3	0.0	0.0	0.1	21	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	21		
509 PERFORMANCE MKTG SY	6	12.3	0.0	0.0	19.9	1893	0	0	0	0	0	0	0	0	0	0	0	309	2202	0	0	0	2202	
510 GROUP ACT MKT POWER	25	5.0	1.3	0.0	0.7	368	73	15	0	0	0	0	0	0	0	0	0	456	0	0	0	456		
511 IMP AGRIC STATICIC	3	19.5	0.5	4.0	14.6	1834	0	0	0	0	0	0	0	0	0	0	0	1834	0	0	0	1834		
SUBTOTAL	68	100.5	1.8	4.0	101.7	8214	73	15	0	0	0	0	0	0	0	0	0	309	8611	0	0	0	8611	
SERIES 600																								
601 FGN MKT DEVELOP	95	110.9	0.0	0.0	98.0	7986	0	0	0	0	0	0	0	0	0	0	0	7986	0	0	0	7986		
602 EVAL FGM FOOD AID P	1	2.7	0.0	0.0	2.4	210	0	0	0	0	0	0	0	0	0	0	0	210	0	0	0	210		
603 TECH AID DEV CBTY	4	5.8	0.0	0.0	2.4	246	0	0	0	0	0	0	0	0	0	0	0	246	0	0	0	246		
SUBTOTAL	100	119.4	0.0	0.0	102.8	8442	0	0	0	0	0	0	0	0	0	0	0	8442	0	0	0	8442		
SERIES 700																								
703 FOOD CONSUM HABITS	2	7.2	0.0	0.0	1.8	456	0	0	0	0	0	0	0	0	0	0	0	456	0	0	0	456		
704 HOME COMM FOOD SERV	1	0.4	0.0	0.0	1.8	150	0	0	0	0	0	0	0	0	0	0	0	150	0	0	0	150		
SUBTOTAL	3	7.6	0.0	0.0	3.6	606	0	0	0	0	0	0	0	0	0	0	0	606	0	0	0	606		
SERIES 800																								
801 RURAL HOUSING	6	4.3	0.0	0.0	4.2	272	0	0	0	0	0	0	0	0	0	0	0	272	0	0	0	272		
804 ECON POTENT RURL PE	7	17.2	0.0	0.0	19.2	1304	0	0	0	0	0	0	0	0	0	0	0	1304	0	0	0	1304		
805 COMMUNICAT RURAL PE	1	1.0	0.0	0.0	0.0	50	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	50		
806 ADJUSTMENT TO CHANG	7	12.3	0.0	0.0	15.9	1194	0	0	0	0	0	0	0	0	0	0	0	1194	0	0	0	1194		
807 AGRIC ECONOMIC CHAN	15	54.7	0.0	0.0	49.9	5694	0	0	0	0	0	0	0	0	0	0	0	5792	0	17	0	5809		
808 GOV'T PHROGRAMS	19	36.4	0.0	0.0	33.1	2889	0	0	0	0	0	0	0	0	0	0	0	2889	0	0	0	2889		
SUBTOTAL	55	125.9	0.0	0.0	122.4	11403	0	0	0	0	0	0	0	0	0	0	0	98	11501	0	17	0	11518	
SERIES 900																								
901 ALLEV POLLUTION	8	13.7	0.0	0.0	6.7	1002	0	0	0	0	0	0	0	0	0	0	0	9	1011	16	0	0	1026	
902 OUTDOOR RECREATION	3	0.5	0.0	0.0	0.3	22	0	0	0	0	0	0	0	0	0	0	0	22	16	0	0	37		
907 RURAL INCOME IMP	13	12.1	0.0	0.0	10.5	805	0	0	0	0	0	0	0	0	0	0	0	805	46	0	0	851		
908 RURAL INSTITUT IMP	24	11.0	0.0	0.0	13.1	783	0	0	0	0	0	0	0	0	0	0	0	783	78	0	0	860		
SUBTOTAL	48	37.3	0.0	0.0	30.6	2611	0	0	0	0	0	0	0	0	0	0	0	9	2620	156	0	0	2776	
SCIENCE IN SERV OF MAN																								
GRAND TOTAL	354	475.1	1.8	4.0	430.4	41492	73	15	0	0	0	0	0	0	0	0	0	777	42358	251	17	0	42626	

U S FOREST SERVICE

TABLE III-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO. OF PROJ	STAFF										TOTAL				OTHER FED FUND	NON- FED FUND	TOTAL
		I-H	SUPPORT	YEARS	REG IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	USDA	APPR	
	SYS	PROF	TECH	OTHER	HOUSE	SAES	CN	GT	015	010	SERV	USDA						
0100 SOIL AND LAND	5	10.5	7.1	5.4	7.7	1492	0	0	0	0	0	34	0	1526	289	0	1816	
0200 WATER	4	10.1	0.4	6.4	7.9	955	0	0	0	0	0	1	0	955	304	0	1259	
0300 WATERSHEDS RIVER EAS	29	80.0	14.1	51.0	27.6	7543	0	0	0	0	0	862	0	8405	1434	0	9838	
0400 AIR AND CLIMATE	5	7.0	0.0	4.4	2.0	664	0	0	0	0	0	4	0	668	66	0	734	
0500 RECREATION RESOURCES	19	35.6	6.0	8.9	13.6	3198	0	0	0	0	0	1012	0	4210	1026	0	5236	
0600 TIMBER FOREST PRODUCT	188	710.9	147.1	437.1	338.7	72231	0	0	0	0	0	6008	0	78240	6581	0	84820	
0700 RANGE	23	35.9	9.9	19.1	10.6	3802	0	0	0	0	0	502	0	4303	440	0	4783	
0800 WILDLIFE AND FISH	29	61.9	8.6	34.3	20.4	5625	0	0	0	0	0	980	0	6605	752	0	7357	
3900 HOUSING & EQUIP	4	12.3	3.4	15.7	9.8	1525	0	0	0	0	0	17	0	1542	145	0	1687	
TOTAL		306	964.1	196.6	582.2	438.2	97034	0	0	0	0	9420	0	106454	11035	0	117489	

U S FOREST SERVICE

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF												TOTAL										
		SYS	I.H.	SUPPORT	YEARS	REG	IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	USDA	APPR	OTHER	NON-FED	FUND	FUND	FUND
		PROF	TECH	OTHER	HOUSE	SAES	CN	GT	015	010	SERV	USDA	FUND	FUND	FUND	FUND	FUND	FUND	FUND	FUND	FUND	FUND	FUND	FUND
SERIES 100																								
102 SOIL PLNT WTR NUTRI	1	1.2	0.0	0.6	0.4	116	0	0	0	0	0	9	0	125	52	0	177							
105 CONSERV USE OF WATE	1	1.5	0.1	0.6	0.7	153	0	0	0	0	0	0	0	153	36	0	189							
107 WATERSHED PROT & MG	30	85.4	13.7	54.5	33.1	8043	0	0	0	0	0	852	0	8895	1666	0	10561							
108 ECON LEG PROT OF WA	1	2.8	1.2	2.8	1.2	356	0	0	0	0	0	25	0	380	11	0	391							
110 APPRAIS FORST & BAN	12	64.9	61.0	28.4	31.5	10956	0	0	0	0	0	393	0	11349	847	0	12196							
111 BIOL CULT HGT PCRS	59	198.6	17.9	138.5	74.9	17043	0	0	0	0	0	1093	0	18136	2506	0	20642							
112 IMPROV RANGE RESCR	7	14.4	3.9	8.6	4.0	1425	0	0	0	0	0	158	0	1582	205	0	1787							
SUBTOTAL	111	368.7	97.7	233.9	145.8	38091	0	0	0	0	0	2529	0	40620	5323	0	45943							
SERIES 200																								
201 CMTRL FORST INSECTS	32	96.4	6.5	61.6	40.9	10055	0	0	0	0	0	496	0	10551	408	0	10960							
202 COMTEBL FOREST DIS	25	55.6	9.9	35.9	21.7	6716	0	0	0	0	0	1477	0	8192	530	0	8722							
203 FOREST FIRE PROTECT	19	69.3	14.7	22.8	20.5	6602	0	0	0	0	0	405	0	7006	763	0	7769							
207 CNTR PESTS FLD CEOP	1	0.5	0.0	0.5	0.0	59	0	0	0	0	0	6	0	66	0	0	66							
214 PROTECT FROM POLLUT	3	7.6	2.3	4.7	6.3	1036	0	0	0	0	0	121	0	1157	108	0	1265							
SUBTOTAL	80	229.3	33.3	125.4	89.4	24467	0	0	0	0	0	2505	0	26972	1809	0	28781							
SERIES 300																								
301 GENET BREED FORST T	13	38.4	7.8	35.1	15.8	3489	0	0	0	0	0	285	0	3774	483	0	4256							
302 IMP FOREST ENG SYS	5	17.8	1.0	10.8	5.8	1788	0	0	0	0	0	192	0	1981	31	0	2011							
303 ECON TIMBER PRODUCT	5	11.2	0.0	0.5	5.1	698	0	0	0	0	0	69	0	767	11	0	778							
SUBTOTAL	23	67.3	8.8	46.3	26.7	5976	0	0	0	0	0	546	0	6522	524	0	7046							
SERIES 400																								
401 NEW IMP FOREST PROD	24	113.1	38.0	100.2	101.3	12496	0	0	0	0	0	934	0	13431	878	0	14308							
SUBTOTAL	24	113.1	38.0	100.2	101.3	12496	0	0	0	0	0	934	0	13431	878	0	14308							
SERIES 500																								
502 MXTG TIMBER PRODUCT	7	28.1	2.3	10.8	20.4	2142	0	0	0	0	0	388	0	2530	77	0	2607							
512 IMP GRADES FST PRO	2	9.0	3.6	3.7	3.4	723	0	0	0	0	0	31	0	758	34	0	788							
513 PRICE ANAL FST PRO	3	6.2	0.5	2.0	2.1	488	0	0	0	0	0	95	0	583	21	0	604							
SUBTOTAL	12	43.3	6.4	16.5	25.9	3353	0	0	0	0	0	514	0	3867	132	0	3998							
SERIES 600																								
601 FGW MKT DEVELOP	1	3.0	0.0	1.0	0.0	69	0	0	0	0	0	108	0	177	0	0	177							
SUBTOTAL	1	3.0	0.0	1.0	0.0	69	0	0	0	0	0	108	0	177	0	0	177							
SERIES 800																								
801 RURAL HOUSING	2	6.0	0.0	5.0	2.1	570	0	0	0	0	0	0	0	570	38	0	608							
SUBTOTAL	2	6.0	0.0	5.0	2.1	570	0	0	0	0	0	0	0	570	38	0	608							
SERIES 900																								
901 ALLEV POLLUTION	11	18.7	0.6	9.6	9.2	2036	0	0	0	0	0	82	0	2117	339	0	2456							
902 OUTDOOR RECREATION	13	26.6	4.0	4.8	10.7	1975	0	0	0	0	0	599	0	2574	263	0	2838							
903 MULTI-USE-FOREST PO	14	28.3	2.9	3.8	8.2	2715	0	0	0	0	0	605	0	3320	1021	0	4381							
904 WLDLIFE AND FISH ECO	25	57.2	5.0	32.7	18.0	4957	0	0	0	0	0	998	0	5955	682	0	6636							
905 TREES BEAUTIFICATIO	2	2.5	0.0	3.0	1.0	330	0	0	0	0	0	0	0	330	27	0	357							
SUBTOTAL	65	133.3	12.4	53.8	47.1	12012	0	0	0	0	0	2284	0	14296	2331	0	16628							
SCIENCE IN SERV OF MAN																								
GRAND TOTAL	318	964.1	196.6	582.2	438.2	97034	0	0	0	0	0	9420	0	106454	11035	0	117489							

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-E-0 SUMMARY BY AGENCY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

	NO OF PROJ	SYS	STAFF						REG IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	USDA	APPR	OTHER	NON-	FED	FED	FUND	TOTAL
			I.B.	SUPPORT	YEARS	PROF	TECH	OTHER	HOUSE	SARS	CW	GT	015	010	SERV	USDA											
AGRICULTURAL RESEARCH	2803	2936.9	*	*	*	330526	20654	9166	0	0	0	0	0	0	0	0	0	0	0	360346	0	0	0	360346			
COOPERATIVE RESEARCH	194	0.0	0.0	0.0	0.0	0	0	14332	0	0	0	0	0	0	0	0	0	0	14332	0	0	0	14332				
COMPETITIVE RESEARCH GBAN	193	0.0	0.0	0.0	0.0	0	0	0	14333	0	0	0	0	0	0	0	0	0	14333	0	0	0	14333				
ECONOMICS STATISTICS CCOP	292	475.1	1.8	4.0	430.4	81492	73	15	0	0	0	0	777	42358	251	17	42626										
U S FOREST SERVICE	237	964.1	196.6	582.2	438.2	97034	0	0	0	0	9420	0	106454	11035	0	0	117489										
TOTAL	3719	4376.1	*	*	6349.2	469052	35060	23514	0	0	9420	777	537823	11286	0	17	549126										

NAT TOT SAES-FORESTRY SCH-OTHER INST

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT PROF	YEARS TECH	HATH	REF	SP STEM	OTH GT	TOT CR	USDA CR	OTHER CGCA	STATE FED	PROD APPRO	INDUS SALE	OTH -TRY	TOTAL			
0100 SOIL AND LAND	1182	359.3	409.3	338.9	258.5	3781	1312	340	433	811	6677	1921	4162	20935	1500	3300	2883	41378
0200 WATER	718	185.8	235.1	157.1	146.9	1848	568	143	237	395	3187	1085	3510	10566	622	1079	1253	21303
0300 WATERSHEDS RIVER EAS	147	37.4	42.8	31.3	32.8	196	117	270	12	69	664	364	917	2136	40	89	227	4438
0400 AIR AND CLIMATE	143	37.7	42.4	22.2	33.4	315	292	35	4	34	680	193	1212	2262	173	88	97	4706
0500 RECREATION RESOURCES	170	50.1	51.2	21.4	28.9	250	180	402	73	2	906	455	620	1956	57	55	305	4354
0600 TIMBER FOREST PRODUCT	1438	529.7	518.0	394.9	335.6	1204	6967590	151	120	9760	5533	4520	25870	1519	4520	2651	54373	
0700 RANGE	285	80.6	69.5	90.1	65.5	773	113	122	376	28	1411	628	923	4486	619	363	167	8597
0800 WILDLIFE AND FISH	703	192.0	249.0	209.6	162.3	1230	288	590	243	630	2981	913	5081	10731	650	2195	2817	25368
0900 CITRUS SUB TROP FRUIT	289	125.7	79.9	113.1	180.6	979	159	0	12	0	1150	348	397	10908	225	448	170	13646
1000 FRUIT NUTS DECIDUOUS	1019	354.2	266.6	376.9	328.6	4398	1358	0	308	277	6340	480	994	26527	1651	1968	970	38929
1100 POTATOES	297	79.4	76.0	83.2	59.1	1096	446	0	85	0	1626	298	271	5264	409	919	402	9189
1200 VEGETABLES	1357	433.4	335.7	416.5	542.0	5687	1382	0	788	1793	9651	672	1147	30572	1427	2260	1011	46740
1300 ORNAMENTALS TURF	610	224.6	134.9	215.0	221.5	2882	392	5	41	23	3348	169	482	15632	499	1117	504	21747
1400 CORN	902	200.7	251.1	214.4	197.6	3484	909	0	284	0	6777	985	1636	13269	1399	2144	587	24697
1500 GRAIN SORGHUM	318	65.0	65.0	67.4	68.1	670	116	0	13	9	807	188	481	4079	588	596	192	6850
1600 RICE	127	41.5	28.9	23.4	47.8	420	35	0	19	0	473	62	101	3252	220	401	46	4554
1700 WHEAT	657	151.8	155.6	154.7	126.5	2048	418	0	384	9	2859	729	683	9725	1071	1843	666	17536
1800 OTHER SMALL GRAINS	420	81.3	80.3	93.1	77.8	1195	143	0	255	322	1915	226	250	5409	457	1014	341	9612
1900 PASTURE	164	33.3	12.5	38.6	64.3	510	65	0	28	162	765	33	47	2661	378	122	83	4090
2000 FORAGE CROPS	921	260.5	203.3	294.7	318.7	4110	1349	1	319	339	6118	988	952	18240	2119	1302	665	30384
2100 COTTON	373	132.2	88.5	101.7	160.2	1411	651	0	183	236	2881	578	650	8868	723	1694	343	15337
2200 COTTONSEED	20	3.6	1.0	3.0	1.7	38	17	0	0	0	54	0	27	175	4	96	3	360
2300 SOYBEANS	889	242.0	264.7	227.8	251.9	3357	1085	0	1464	1369	7275	486	727	15120	1263	2462	1065	28398
2400 PEANUTS	157	41.8	26.7	64.0	64.8	441	51	0	88	83	663	58	201	3142	192	251	391	4896
2500 OTHER OILSEED CROPS	122	28.4	25.0	19.9	26.3	260	43	0	17	4	324	174	362	1909	102	288	191	3346
2600 TOBACCO	165	63.2	45.0	97.9	82.9	827	23	0	157	36	1043	40	65	5510	237	166	322	7383
2700 SUGAR CROPS	164	49.4	18.3	41.2	129.6	898	48	0	25	0	971	24	190	3369	342	461	72	5431
2800 MISC NEW CROPS	140	28.6	16.2	24.9	47.7	355	200	0	30	0	584	71	327	1973	165	309	151	3581
2900 POULTRY	770	261.8	209.8	370.6	302.5	4948	1735	0	536	1041	8260	371	1052	18376	1654	1185	794	31691
3000 BEEF CATTLE	1395	414.8	399.3	678.7	746.2	7238	3251	0	1376	2738	14599	1621	3006	36440	16136	2647	914	57363
3100 DAIRY CATTLE	1165	319.5	311.7	369.6	507.2	6418	2248	0	1322	1580	11571	758	1617	27124	6924	2694	982	51670
3200 SWINE	634	177.7	167.2	218.2	288.6	3090	928	0	702	2119	6839	305	1476	13922	4806	1550	546	29445
3300 SHEEP AND WOOL	360	77.9	59.7	90.7	85.7	1080	428	0	83	652	2243	211	659	6102	1186	322	352	11074
3400 OTHER ANIMALS	421	102.7	103.4	106.0	96.9	1223	110	0	281	1543	3157	209	1777	5636	500	778	290	12346
3500 BEES AND HONEY	47	19.3	17.6	8.3	8.2	222	10	0	0	0	232	94	78	935	38	205	30	1612
3600 FARM SUPP & FACILITIS	103	26.4	19.0	21.7	22.2	408	19	8	152	13	601	106	394	1693	357	167	129	3448
3700 CLOTHING & TEXTILES	71	19.4	18.4	3.7	8.1	279	79	0	72	87	517	0	82	847	36	6	5	1494
3800 FOOD	516	163.4	180.3	137.0	140.4	2383	1098	0	1023	764	5268	621	2710	8530	435	1217	678	19460
3900 HOUSING & EQUIP	223	62.5	151.7	34.6	53.1	550	127	27	145	58	908	450	638	3486	121	154	333	6089
4000 PEOPLE AS INDIVIDUAL	728	198.8	207.0	135.9	127.3	1923	763	23	1286	1721	5717	378	3217	8522	300	646	1092	19871
4100 FAMILY MEMBERS	269	78.2	83.1	37.3	53.5	638	410	0	475	1067	2590	7	356	2690	281	186	626	6736
4200 FARM AS BUSINESS	214	68.3	57.2	21.6	69.0	1225	198	0	59	260	1742	292	202	2866	116	57	81	5355
4300 SOC POLIT ORGANIZ	426	118.4	128.1	40.6	91.8	1815	566	8	299	1319	4007	804	601	4513	208	374	729	10832
4400 AGRIC ECONOMY U S	112	30.8	33.6	8.3	36.0	518	105	0	88	14	726	253	200	1633	59	145	46	3060
4500 AGRIC ECONOMY FORGN	31	9.4	22.8	2.7	8.9	78	7	0	0	0	85	216	43	402	7	17	26	796
4600 FARM COOPERATIVES	38	6.8	8.6	3.2	5.8	111	21	0	3	30	164	88	0	298	7	16	6	578
4700 OTH MARKET PROCESS	41	7.4	8.6	4.9	7.6	125	44	0	3	0	173	68	7	356	13	16	37	671
4800 MARKETING SYSTEMS	99	30.0	17.4	17.2	25.5	450	227	0	122	0	799	258	74	1260	61	54	67	2573
5100 WEEDS	57	13.1	16.2	16.5	12.9	179	15	0	23	0	217	134	79	784	66	80	53	1413
6200 SEED RESEARCH	36	10.0	8.9	15.9	12.4	89	17	0	0	0	105	10	147	647	399	20	27	1355
6300 BIO CELL SYSTEMS	228	85.2	126.4	71.6	47.9	849	55	0	6	0	910	299	4579	4542	153	256	275	11013
6400 EXP DESIGN/STAT METH	76	26.3	19.3	13.0	18.3	125	6	0	33	42	206	689	114	1914	95	23	37	3076
6500 INVERTEBRATES	272	104.2	123.6	68.2	50.8	958	73	0	26	72	1129	195	2473	6298	156	346	345	10942
6600 MICROORGANISMS, VIRUS	262	93.1	104.7	69.1	47.0	941	101	0	110	15	1167	260	4353	4718	110	708	343	11660
6700 PLANTS	773	233.4	263.1	201.8	212.4	2522	809	9	2164	17	5521	660	3462	15746	1613	1852	1877	30731
6800 ANIMALS(VERTEBRATES)	430	144.8	181.3	133.4	86.7	1096	290	0	323	240	1950	198	6001	8216	819	652	698	18533
6900 RESEARCH ON RSCN EGM	34	12.6	10.0	2.6	5.0	70	44	0	0	0	116	91	117	928	4	72	269	1595
7000 RSCN EQUIP & TECHNOL	108	30.3	22.4	13.5	13.4	134	37	31	7	0	210	150	573	1333	35	281	218	2800
9900 UNCLASSIFIED	66	15.1	5.8	1.2	7.4	802	364	98	0	442	1706	400	604	1116	604	157	3	4626
TOTAL	23902	6878.9	7255.9	26636	16747	16747	9702	22587	27453	27453	456420	48432	853131	55943	30485			
	7102.0	6854.4	87147	9702	22587													

HAT TOT SALES-FORESTRY SCH-OTHER INST

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO. OF PROJ	SIS	STAFF SUPPORT YEARS			HATH	BPF	STEN	GT	CR	CR	USDA	OTHER	STATE	PROD	INDUS	OTH	CGCA	FED	APPRO	SALES	-TRN	-ER	TOTAL
			PROF	TECH	OTHER																			
SERIES 100																								
101 APPRAIS AL SOIL RES	227	77.6	85.1	74.7	49.4	724	195	57	0	41	1018	318	667	4331	233	903	1089	8558						
102 SOIL PLNT WTR NUTRI	615	179.8	172.8	189.7	145.7	1979	484	326	128	474	3391	798	1499	11690	1318	1204	1033	20933						
103 MGMT OF SALINE SCIL	61	16.3	19.0	13.1	14.6	125	25	0	10	0	159	70	141	1144	25	116	29	1682						
104 ALTERN USE OF LAND	187	54.8	60.0	27.8	34.5	605	253	26	30	27	941	539	548	2287	70	315	649	5308						
105 CONSERV USE OF WATE	280	69.9	81.1	52.8	60.5	647	160	56	12	67	943	656	1220	3768	318	515	300	7720						
106 DRAIN AND IRRIGATIO	127	36.7	29.0	26.6	33.1	346	107	5	2	0	458	355	469	2467	215	109	109	4184						
107 WATERSHED PROT & MG	179	54.6	61.4	52.8	46.8	329	127	328	98	22	901	530	1265	3056	97	201	396	6447						
108 ECON LEG PROB OF WA	40	15.7	28.1	6.5	9.3	156	12	0	0	4	172	59	230	767	3	21	223	1475						
109 WEATHER ADAPT & MOD	143	38.5	37.6	25.2	36.5	319	339	42	28	10	738	124	1009	2167	149	68	71	4327						
110 APPRAIS FORST & SAN	151	32.7	32.9	20.9	15.7	130	16	411	0	22	578	465	509	1578	56	126	138	3846						
111 BIOL CULT MGMT FCBS	463	141.3	147.1	107.7	106.1	158	512502	35	71	2814	1280	908	6899	1024	771	725	14416							
112 IMPROV RANGE RESCR	181	52.2	47.8	47.8	49.7	480	82	88	48	0	697	323	606	3174	561	233	106	5699						
113 REMOTE SENSING	58	14.1	16.5	12.3	8.6	67	9	101	0	50	227	274	365	730	31	79	188	1895						
114 RSCH ON MGMT OF ESC	32	12.4	7.5	2.1	4.2	70	44	0	0	0	114	81	91	890	0	29	200	1405						
	SUBTOTAL	2740	796.7	825.8	660.1	614.7	6	128	19043938	392	788	13150	5871	9524	44909	4101	4687	5253	87494					
SERIES 200																								
201 CNTRL FORST INSECTS	213	56.5	71.0	44.9	30.7	174	164	613	92	4	1047	1316	978	2697	47	179	308	6572						
202 CONTROL FOREST DIS	156	42.5	45.1	28.0	22.0	189	123	592	1	0	908	246	64	2130	103	68	155	3669						
203 FOREST FIRE PROTECT	11	2.1	0.6	1.4	0.7	8	0	5	0	0	9	134	3	95	1	3	8	252						
204 CNTR PESTS FRT & VE	428	134.1	121.3	130.7	120.6	1492	392	0	217	31	2132	564	736	9445	429	877	512	14695						
205 CNTR DISE FRT & VEG	699	212.2	177.1	206.6	255.5	2664	625	0	271	118	3678	557	388	16022	605	1295	682	23228						
206 CNTR WEEDS FRT & VE	179	45.2	32.0	46.6	43.1	603	127	0	100	10	841	112	123	3267	214	373	157	5087						
207 CNTR PESTS FLD CROP	552	174.8	173.1	202.5	172.3	2715	775	0	533	132	4156	800	1155	11003	529	1535	782	19959						
208 CNTR DIS FLD CROP	712	226.1	255.4	221.4	211.9	3493	773	0	701	236	5203	524	642	13778	626	1830	1008	23610						
209 CNTR WEEDS FLD CROP	332	96.3	101.7	91.9	118.8	1475	248	0	112	138	1973	302	302	6943	736	1404	546	12207						
210 CONTE PESTS ANIMALS	138	35.4	26.1	27.9	28.4	535	57	0	133	207	932	180	185	1831	213	200	82	3623						
211 CONTE DIS ANIMALS	816	302.6	257.0	369.3	196.2	2772	1379	0	1528	4137	9816	1668	4501	18408	1886	1333	921	38529						
212 CNTR INTER PARASITE	118	36.7	17.9	43.7	37.7	452	202	0	292	280	1226	10	96	2442	172	423	47	4415						
213 PROT AMBLIS FROM TOX	126	30.4	25.6	35.4	22.5	249	118	0	109	292	769	76	271	2046	144	220	83	3610						
214 PROTECT FROM POLLUT	249	48.6	55.3	47.1	39.3	508	177	81	400	51	1218	339	1039	3206	70	1139	342	7354						
	SUBTOTAL	4725	1443.5	1359.2	1497.5	1295.7	171325	51601291	4491	5638	33905	682510482	93308	577610881	5633	166811								
SERIES 300																								
301 GENET BREED FORST T	130	43.3	45.5	57.8	38.4	110	165	981	0	0	1256	387	108	2538	43	626	292	5249						
302 IMP FOREST ENG SYS	37	17.1	12.0	10.0	6.9	49	1	260	0	0	309	168	221	694	20	154	33	1601						
303 ECON TIMBER PRODUCT	53	20.5	17.6	10.4	10.2	6	0	269	0	0	275	312	407	884	26	141	127	2172						
304 IMP BIO EFF FRT & V	1028	339.4	236.9	373.8	461.8	3939	870	0	341	1299	6449	346	943	27581	1819	1751	624	39514						
305 MECH PROD FRT & VEG	141	34.7	17.6	37.7	29.1	606	130	0	4	20	760	113	51	2698	101	118	124	3965						
306 PROD MGMT SYS F & V	97	22.2	9.7	22.6	23.0	208	35	0	27	38	304	37	86	1549	95	120	19	2210						
307 IMP BIO EFF FLD CRP	1597	642.4	507.4	739.9	884.3	8084	1910	0	1382	1299	12676	2007	3775	47703	5885	6104	2807	80957						
308 MECH PROD FIELD CRO	110	33.2	28.3	33.3	35.1	515	76	0	28	0	618	65	109	2407	268	352	147	3967						
309 PROD MGMT SYS FLD C	270	68.0	51.8	61.2	71.2	1073	235	0	102	56	1466	154	162	5154	761	565	236	8498						
310 ANIMAL REPRODUCTION	501	179.4	202.1	240.4	309.0	3306	14849	0	211	1105	6071	196	3328	14346	3530	876	381	28727						
311 IMP BIO EFF ANML PR	1287	473.5	446.3	834.1	982.4	9775	2834	0	1304	2194	16107	766	2086	4689520176	4605	1642	92238							
312 ENV STRESS IN ANML	194	50.8	41.0	51.2	86.1	143.1	1250	396	0	131	383	2160	99	69	6067	2179	278	271	11123					
313 BEES OUT POLLNTG I	47	19.3	17.6	8.3	8.2	222	10	0	0	0	232	98	735	38	205	30	1612							
315 IMP STRUC FARM SUPP	132	39.0	28.7	37.1	35.5	585	6	8	133	13	745	299	378	2509	373	209	240	4853						
316 FARM BUSINESS MGMT	153	53.0	43.8	17.0	57.5	981	124	0	41	200	1345	265	128	2227	98	35	50	4145						
317 MECH/STRUCTS ANNL P	80	19.8	13.2	15.3	16.9	313	40	0	10	0	363	98	76	1165	109	74	107	1993						
318 MKT QUAL ANIMAL FRO	119	27.7	24.1	28.3	23.3	577	90	2	67	112	847	5	15	1681	86	274	39	2947						
	SUBTOTAL	1967	584.3	579.1	533.7	545.7	8317	20951195	841	1231	13679	1622	2663	37777	3591	5124	1529	65985						
SERIES 500																								
501 IMP GRADES & STANDS	63	18.5	15.6	15.2	26.4	292	80	0	7	0	38													

NET TOT SARS-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY		PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS																
NO OF PROJ	SYS	STAFF SUPPORT YEARS			HCIN SP OTH TOT			USDA OTHER STATE PROD INDUS OTH			APPRO SALES -TBY -BR			TOTAL				
		PROF	TECH	OTHER	BATH	BBP	STEW	GT	CR	CR	CGCA	FED	PED	SALES	-TBY	-BR		
SERIES 800																		
801 RURAL HOUSING	60	21.3	113.1	6.0	12.2	114	84	0	126	57	381	7	247	592	21	22	7	1277
802 INDIV & FAM DEC RAK	195	55.3	55.9	24.9	36.1	418	265	12	206	675	1576	12	168	1983	248	198	546	4732
803 RURAL POVERTY	47	12.4	14.4	11.3	17.1	97	30	0	113	842	1081	5	1	226	8	0	0	1320
804 ECON POTENT RURAL PE	106	32.9	24.9	12.3	17.7	292	139	0	152	352	935	21	169	903	32	15	191	2266
805 COMMUNICAT RURAL PE	144	40.8	35.3	12.6	27.3	304	45	11	131	609	1099	41	204	2511	39	96	592	4582
806 ADJUSTMENT TO CHANG	177	51.0	43.6	16.4	29.2	600	348	0	229	124	1301	36	131	1732	68	44	174	3487
807 AGRIC ECONOMIC CHAN	143	39.1	38.3	11.4	42.2	638	185	0	106	76	1005	148	110	1993	86	167	113	3618
808 GOV'T PROGRAMS	48	8.2	10.0	2.6	9.0	131	35	0	0	0	166	54	42	458	2	24	13	760
SUBTOTAL	916	260.9	335.4	97.4	190.7	2593	1130	23	1062	2735	7544	321	1073	10397	504	567	1636	22042
SERIES 900																		
901 ALLEV POLLUTION	624	197.7	251.7	179.7	140.3	2038	1126	118	701	918	4901	489	3933	11504	530	2012	1387	24716
902 OUTDOOR RECREATION	159	50.0	46.6	20.9	28.7	239	182	374	73	2	870	422	689	1897	58	82	274	4292
903 MULTI-USE-FOREST PO	91	20.5	22.8	10.8	9.3	26	6	400	0	0	433	216	50	853	27	51	272	1901
904 WLDLFE AND FISH ECO	601	160.2	221.1	187.9	144.1	1019	261	445	192	607	2524	775	4173	9256	600	1946	2589	21862
905 TREES BEAUTIFICATIO	111	30.2	26.1	17.5	17.9	195	106	130	17	0	449	220	438	1551	40	100	110	2909
906 ORNAMENT & TURF DEV	589	219.0	126.9	209.6	217.3	2855	388	1	24	23	3290	162	196	15286	498	1075	487	20995
907 RURAL INCOME IMP	158	33.1	37.2	9.6	27.8	618	177	0	173	164	1132	146	81	1297	59	68	58	2842
908 RURAL INSTITUT IMP	237	64.4	72.0	24.5	49.6	1005	308	8	154	610	2084	153	394	2646	133	228	494	6133
990 UNCLASSIFIED	66	15.1	5.8	1.2	7.4	802	364	98	0	442	1706	400	640	1116	604	157	3	626
SUBTOTAL	2636	790.3	810.1	661.7	642.4	8797	29181575	1334	2765	17389	298410594	45407	2548	5717	5636			90276
SCIENCE IN SERV OF MAN	22462	6878.9	7255.9	26636	16747		162819	71581		55943		30485						
GRAND TOTAL		7102.0	6854.4	87148	9702	22587		27453		456420		48432						853133

SAES REGION 1 NORTHEAST REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	NO OF SYS	STAFF												TOT CR	USDA CR	OTHER CGCA	STATE PBD	PROD APPRO	INDUS SALE	OTH -TRY	OTH -ER TOTAL
			SUPPORT	YEARS	HCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH								
0100 SOIL AND LAND	176	45.0	50.7	47.2	20.8	707	370	65	4	18	1163	181	384	2014	165	244	514	4665				
0200 WATER	89	22.8	42.6	17.8	13.4	405	24	38	0	0	467	9	254	1141	66	115	486	2538				
0300 WATERSHEDS RIVER BAS	28	4.6	6.8	2.6	2.8	26	0	64	0	0	90	17	7	439	2	26	21	603				
0400 AIR AND CLIMATE	27	5.2	2.9	2.4	2.7	18	25	6	0	34	79	32	41	229	25	0	13	418				
0500 RECREATION RESOURCES	37	11.6	10.2	1.5	2.9	69	94	127	0	0	289	11	107	384	17	3	66	639				
0600 TIMBER FOREST PRODUCT	271	99.3	100.6	68.9	31.1	405	2881	19	3	20	2134	1279	278	3806	123	837	458	8924				
0700 RANGE	3	0.7	0.3	1.4	1.6	36	33	0	0	0	69	0	0	64	21	8	0	155				
0800 WILDLIFE AND FISH	145	35.1	44.5	46.3	13.8	300	44	163	39	95	641	42	906	1522	109	175	889	4283				
0900 CITRUS SUB TROP FBUT	5	0.9	0.9	0.5	0.1	21	6	0	0	0	26	0	6	59	0	2	0	94				
1000 FRUIT NUTS DECIDUOUS	255	90.9	72.2	104.8	51.2	1482	488	0	104	0	2073	125	274	5003	380	446	380	8681				
1100 POTATOES	83	23.6	22.6	32.8	26.5	401	220	0	65	0	687	226	9	1248	173	94	305	2742				
1200 VEGETABLES	234	71.7	57.9	71.2	36.5	1194	559	0	182	0	1934	123	227	4006	200	327	154	6572				
1300 ORNAMENTALS TURF	117	38.1	28.2	42.3	27.0	679	172	0	0	0	850	14	74	2393	107	296	51	3784				
1400 CORN	98	22.8	20.7	22.4	15.8	536	68	0	9	0	613	4	98	1177	60	112	77	2141				
1500 GRAIN SORGHUM	1	0.1	0.1	0.0	0.0	3	0	0	0	0	3	0	0	1	0	0	1	4				
1600 RICE	5	1.1	1.0	1.2	0.0	7	0	0	8	0	15	0	0	32	4	7	10	68				
1700 WHEAT	26	5.8	3.8	6.6	1.3	118	6	0	40	0	164	19	35	205	15	30	14	483				
1800 OTHER SMALL GRAINS	21	3.0	3.6	4.1	3.9	63	2	0	0	0	65	15	1	169	7	11	9	277				
1900 PASTURE	5	0.8	0.2	1.6	0.8	16	0	0	0	0	35	1	0	51	5	25	0	117				
2000 FORAGE CROPS	112	30.2	10.3	43.3	24.6	500	242	0	103	75	920	95	85	1539	88	111	97	2935				
2100 COTTON	2	0.3	0.1	0.0	0.0	5	3	0	0	0	8	0	0	6	0	0	0	0	0	0	13	
2200 COTTONSEED	2	0.1	0.2	0.1	0.1	1	1	0	0	0	1	0	0	6	0	0	0	8				
2300 SOYBEANS	53	16.3	16.0	11.9	7.1	247	67	0	127	259	701	0	17	606	41	117	29	1510				
2400 PEANUTS	2	0.0	0.4	0.0	0.1	0	0	0	0	0	0	0	0	5	0	0	1	0	7			
2500 OTHER OILSEED CROPS	2	0.2	0.4	0.2	0.1	5	0	0	0	0	0	0	0	9	0	4	0	17				
2600 TOBACCO	23	11.6	2.3	11.9	5.9	134	8	0	0	0	142	0	0	514	40	5	0	701				
2700 SUGAR CROPS	2	0.6	0.3	1.7	0.6	2	0	0	0	0	2	0	0	53	7	7	0	70				
2800 MISC NEW CROPS	8	1.7	0.3	0.3	0.6	23	25	0	0	0	48	0	0	101	7	0	0	156				
2900 POULTRY	154	64.6	41.6	83.0	60.2	1171	583	0	86	85	1925	104	524	3534	454	151	155	6848				
3000 BEEF CATTLE	86	16.3	12.6	33.0	19.4	536	90	0	67	124	817	17	57	1173	226	84	70	2443				
3100 DAIRY CATTLE	213	67.1	62.2	99.0	62.3	1221	537	0	135	209	2102	101	364	3920	932	431	315	8165				
3200 SWINE	39	7.5	3.7	16.2	5.0	112	13	0	30	92	247	0	90	566	117	30	31	1081				
3300 SHEEP AND WOOL	39	8.2	6.5	7.1	5.0	155	50	0	0	23	228	49	166	484	87	20	92	1128				
3400 OTHER ANIMALS	85	17.5	16.3	29.3	8.3	294	28	0	16	41	379	8	441	974	75	89	184	2152				
3500 BEES AND HONEY	9	3.2	2.2	0.0	0.5	49	0	0	0	0	49	0	44	76	21	1	0	191				
3600 FARM SUPP & FACILITS	16	3.2	3.8	4.4	3.7	74	3	0	16	0	93	7	104	239	10	3	14	470				
3700 CLOTHING & TEXTILES	7	1.0	2.8	0.5	1.2	22	17	0	0	0	39	0	58	90	36	0	0	223				
3800 FOOD	97	28.7	40.8	22.2	14.6	576	313	0	54	0	94	135	387	1552	145	217	68	3447				
3900 HOUSING & EQUIP	43	12.5	14.2	12.8	8.6	169	10	4	0	0	183	98	332	759	37	60	146	1618				
4000 PEOPLE AS INDIVIDUAL	147	50.9	38.1	32.2	19.0	526	208	10	17	92	853	99	838	1734	122	187	671	4505				
4100 FAMILY MEMBERS	27	18.2	20.5	15.4	12.5	103	37	0	29	201	370	0	241	396	224	128	512	1870				
4200 FARM AS BUSINESS	19	6.9	5.6	0.9	6.6	179	0	0	0	0	179	20	19	277	8	6	3	512				
4300 SOC POLIT ORGANIZ	90	26.8	20.9	13.2	16.6	479	219	2	64	186	951	140	58	630	66	105	315	2465				
4400 AGRIC ECONOMY U S	9	1.5	0.9	0.0	1.2	39	4	0	0	0	43	0	0	82	4	3	0	132				
4500 AGRIC ECONOMY FORGN	5	4.2	2.9	0.5	2.6	0	0	0	0	0	19	0	0	97	1	1	20	139				
4600 FARM COOPERATIVES	2	0.2	0.0	0.1	0.1	3	0	0	0	0	3	0	0	13	0	0	0	17				
4700 OTH MARKET PROCESS	5	1.1	1.2	0.6	0.4	18	0	0	0	0	18	0	5	37	6	0	0	66				
4800 MARKETING SYSTEMS	10	7.1	1.0	5.9	2.5	172	4	0	0	0	176	29	61	263	8	4	4	546				
6100 WEEDS	2	0.4	0.5	0.3	0.8	20	0	0	0	0	20	0	0	19	4	1	0	44				
6200 SEED RESEARCH	10	2.6	2.0	4.0	2.1	8	17	0	0	0	24	0	0	212	0	3	6	245				
6300 BIO CELL SYSTEMS	47	18.1	21.5	17.1	4.1	197	0	0	3	0	200	88	806	586	65	15	45	1804				
6400 EXP DESIGN/STAT METH	11	3.7	1.9	0.0	2.3	36	0	0	0	0	36	0	38	163	33	17	5	291				
6500 INVERTEBRATES	43	16.1	15.7	9.2	3.1	218	33	0	6	0	256	18	280	726	72	14	86	1452				
6600 MICROORGANISMS, VIRUS	57	19.6	19.0	20.3	9.1	257	0	0	74	0	331	67	540	711	74	22	52	1797				
6700 PLANTS	112	35.8	20.8	31.3	11.1	468	289	0	517	5	1279	83	373	1292	128	308	69	3532				
6800 ANIMALS (VERTEBRATES)	59	19.5	20.2	18.4	3.8	124	7	0	115	4	250	0	803	667	162	16	23	1922				
6900 RESEARCH ON RSCB EGM	3	0.2	2.9	0.5	0.7	4	0	0	0	0	4	22	82	172	4	53	162	498				
7000 RSCH EQUIP & TECHNOL	29	11.5	7.9	2.3	2.5	54	8	14	3	0	79	0	240	335	13	4	61	732				
9900 UNCLASSIFIED	12	1.2	0.0	0.0	0.0	287	56	16	0	96	455	18	100	118	0	66	0	757				
TOTAL	3319	906.0	581.0	5283	1918	25758	9909	4794	6697	1019.2	1024.3	14971	1928	1659	3318	48794	5027	104298				

SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO. OF PROJ	STAFF SUPPORT SYS	YEARS PROP TECH OTHER	HATH REF	HCIN STRE	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS TRY	OTH -ER	TOTAL			
SERIES 100																		
101 APPRAIS OF SOIL RES	28	8.4	7.6	10.6	2.8	136	7	2	0	0	144	24	51	366	36	6	75	701
102 SOIL PLNT WTR NUTRI	59	15.0	22.8	23.5	8.4	295	149	62	10	18	533	85	37	891	60	141	15	1762
104 ALTERN USE OF LAND	35	9.7	12.0	2.2	4.4	131	122	1	0	0	253	83	11	279	14	11	371	1022
105 CONSERV USE OF WATE	16	4.0	3.8	2.4	1.0	68	0	31	0	0	100	0	11	165	14	27	3	318
106 DRAIN AND IRRIGATIO	6	1.1	0.7	0.3	1.2	4	5	0	0	0	21	0	0	66	5	19	0	111
107 WATERSHED PROT & MG	25	6.6	6.3	7.1	3.4	18	0	71	0	0	89	22	11	503	8	24	40	698
108 ECON LEG PROB OF WA	4	1.1	9.3	0.5	1.2	5	0	0	0	0	5	1	0	74	3	0	207	291
109 WEATHER ADAPT & MOD	20	4.2	2.5	1.7	2.5	22	24	6	0	0	52	32	26	207	20	0	0	336
110 APPRAIS FOREST & RA	20	3.5	5.4	3.0	1.3	32	0	60	0	0	92	91	5	195	8	0	32	422
111 BIOL CULT MGMT FORS	78	21.1	21.4	12.1	10.5	34	0	469	0	4	508	331	23	752	44	118	55	1831
112 IMPROV RANGE RESCR	2	0.5	0.3	1.4	1.5	36	33	0	0	0	69	0	0	55	21	0	0	145
113 REMOTE SENSING	13	2.4	2.4	0.4	1.0	30	7	28	0	0	65	0	5	104	7	4	0	186
114 RSCH ON MGMT OF ESC	2	0.2	0.4	0.0	0.0	4	0	0	0	0	4	12	62	143	0	9	93	323
SUBTOTAL	308	77.9	94.7	65.1	39.3	822	345	735	10	22	1935	680	240	3800	240	359	892	8146
SERIES 200																		
201 CNTRL FOREST INSECTS	38	13.1	19.7	11.0	3.1	20	50	240	0	0	310	498	77	574	0	109	131	1698
202 CONTROL FOREST DIS	29	11.6	10.2	6.8	1.9	69	59	131	0	0	279	58	11	493	40	9	41	932
204 CNTR PESTS FRT & VE	95	35.5	35.6	34.1	16.5	487	90	0	123	0	701	156	320	1705	106	191	179	3358
205 CNTR DISE FRT & VEG	119	40.6	27.2	48.4	29.7	687	237	0	71	0	995	143	13	2041	172	259	237	3858
206 CNTR WEEDS FRT & VE	36	7.9	6.2	9.3	6.0	235	41	0	6	0	281	1	9	509	68	50	16	935
207 CNTR PESTS FLD CROP	41	13.1	8.6	10.2	4.9	267	32	0	46	60	404	44	51	472	37	24	64	1095
208 CNTR DIS FLD CROP	47	13.4	6.6	19.5	9.0	297	88	0	41	0	426	9	68	610	43	58	39	1253
209 CNTR WEEDS FLD CROP	21	4.5	5.9	7.1	3.7	143	33	0	0	0	176	4	0	353	20	34	21	608
210 CONTE PESTS ANIMALS	17	4.3	3.5	0.6	2.3	57	14	0	0	10	81	12	25	200	2	5	2	327
211 CONTE DIS ANIMALS	113	44.5	34.3	68.4	24.0	376	489	0	212	422	1459	91	410	2264	260	159	288	4930
212 CNTR INTER PARASITE	10	2.6	1.3	4.6	1.1	64	0	0	13	0	77	0	48	100	48	3	0	277
213 PROT ANMLS FROM TOX	10	3.3	1.9	1.5	2.8	15	1	0	11	14	41	0	1	124	11	9	25	211
214 PROTECT FROM POLLUT	50	10.7	10.9	10.4	5.4	172	84	40	243	0	538	75	175	585	25	63	72	1532
SUBTOTAL	626	204.9	171.9	231.8	110.5	2907	1178	411	766	506	5768	1090	1208	10030	832	972	1114	21013
SERIES 300																		
301 GENET BREED FOREST T	11	3.7	2.9	7.2	2.1	33	64	77	0	0	173	3	0	201	2	16	4	399
302 IMP FOREST ENG SIS	7	2.4	1.1	0.9	0.2	42	1	34	0	0	77	4	0	50	0	11	0	142
303 ECON TIMBER PRODUCT	7	2.3	1.5	0.1	0.1	0	0	33	0	0	33	10	0	50	1	28	3	123
304 IMP BIO EFF FRT & V	170	48.3	39.5	70.4	38.3	967	195	0	15	0	1177	91	75	3298	226	165	210	5241
305 MECH PROD FRT & VEG	18	6.1	5.7	8.5	3.3	205	95	0	0	0	300	1	47	375	8	17	17	766
306 IMP MGMT SYS F & V	14	4.1	1.8	3.1	2.0	62	7	0	0	0	69	28	1	136	30	5	7	275
307 IMP BIO EFF FLD CRP	112	43.6	21.8	41.8	24.9	760	190	0	111	48	1110	49	99	2006	121	224	27	3636
308 MECH PROD FIELD CRP	5	1.1	0.8	1.2	1.4	14	0	0	0	0	14	0	30	54	3	9	9	120
309 PROD MGMT SYS FLC C	20	7.2	3.0	12.1	4.9	119	62	0	18	0	198	0	36	372	6	31	15	659
310 ANIMAL REPRODUCTION	62	18.7	15.8	41.1	15.7	455	205	0	0	14	674	0	286	1306	256	158	48	2728
311 IMP BIO EFF ANML PR	162	54.4	46.6	95.0	66.1	1289	233	0	10	78	1610	88	671	3823	824	248	123	7387
312 ENV STRESS IN ANBL	29	8.5	5.8	10.5	11.6	252	81	0	0	0	332	0	23	488	189	28	13	1073
313 PROD MGMT SIS ANBL	30	10.5	3.2	11.9	9.4	177	54	0	27	18	276	44	6	680	188	20	195	1409
314 BEES OTH POLLNTNG I	9	3.2	2.2	0.0	0.5	49	0	0	0	0	49	0	44	76	21	1	0	191
315 IMP STBUC FARM SUPP	30	8.0	10.3	13.1	8.0	188	0	0	0	0	188	105	248	558	28	48	49	1225
316 FARM BUSINESS MGMT	14	6.6	4.2	0.8	6.2	160	0	0	0	0	160	20	12	251	6	6	3	458
317 MECH/STRUCTS ANML P	9	4.2	2.9	2.1	1.4	70	13	0	0	0	83	15	26	157	9	54	14	358
318 NCN-COM BIO TECH/BI	218	90.5	76.3	74.0	27.4	1019	20	0	156	0	1198	199	2577	3298	412	287	266	8233
SUBTOTAL	927	323.3	245.5	394.1	223.5	5860	1218	144	336	158	7717	657	4181	17179	2329	1354	1004	34422
SERIES 400																		
401 NEW IMP FOREST PROD	38	22.7	15.6	17.3	6.1	65	0	181	2	0	248	46	125	830	13	475	28	1765
402 PROD F & V IMP ACCE	36	9.0	3.7	8.9	5.0	76	49	0	0	0	125	8	0	544	38	23	45	783
403 NEW S IMP FEV PRCD	30	10.8	13.8	4.1	2.6	89	45	0	20	0	154	0	6	524	2	52	10	748
404 MKTG QALF FRTS & VEG	47	15.7	14.1	16.0	7.5	235	356	0	31	0	622	12	7	990	83	68	40	1821
405 PROD FLD CROP IMP A	19	4.1	1.1	4.4	6.5	36	30	0	44	109	220	0	0	187	5	14	26	450
406 NEW IMP NON-FOOD FC	11	3.3	4.7	3.1	2.1	34	10	0	9	0	53	0	34	178	22	19	3	308
407 NEW IMP NON-FOOD FC	4	0.8	1.0	2.4	1.8	4	2	0	0	0	6	0	9	87	4	0	0	106
408 MKTG QALF FIELD CROP	6	2.0	1.8	1.9	0.5	35	0	0	0	0	35	29	0	45	0	3	2	115
409 PROD ANML PR ACCE	16	4.5	3.9	9.2	6.4	199	5	0	0	0	203	13	36	281	78	6	32	650
410 IMP HEAT MILK EGG P	45	13.8	22.8	13.0	9.1	316	17	0	0	0	333	16	180	984	62	102	55	1731
411 IMP NON-FOOD ANML P	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	4	0	0	0	4
412 MKTG QALF ANML PRO	12	3.8	3.7	4.7	1.9	86	0	0	0	0	86	0	0	227	0	129	8	450
SUBTOTAL	265	90.5	86.1	85.0	49.4	1174	514	181	106	109	2084	124	397	4881	307	891	248	8933
SERIES 500																		
501 IMP GRADES & STANDS	6	1.0	0.9	1.7	0.7	2	16	0	0	0	17	0	0	83	1	2	0	103
502 MKTG TIMBER PRODUCT	5	0.9	1.1	0.3	0.3	12	0	8	0	0	29	0	0	23	0	26	0	78
503 MKTG EFF AGCI PRCD	25	9.3	5.6	2.8	4.6	126	96	0	0	0	222	34	7	214	15	1	55	548
506 SPLY DEMAND AND ERI	20	7.7	4.4	0.4	4.1	97	107	0	0	0	204	14	28	233	1	3	1	

SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	NO OF SYS	STAFF SUPPORT YEARS			HCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH		
			PROF	TECH	OTHER												
SERIES 800																	
801 RURAL HOUSING	6	2.2	3.6	1.1	2.4	21	1	0	0	22	0	184	68	4	0	0	279
802 INDIV & FAM DEC MAK	22	15.7	13.9	12.0	11.4	54	21	0	18	115	209	0	90	368	195	113	503
803 RURAL POVERTY	3	0.2	0.0	0.2	0.1	0	0	0	6	86	92	0	0	0	0	0	92
804 ECON POTENT RURL PE	16	9.6	4.8	2.9	3.2	55	32	0	3	92	181	12	103	112	8	11	167
805 COMMUNICAT RURAL PE	45	10.6	4.2	3.2	7.4	99	0	10	11	43	164	31	195	508	14	31	356
806 ADJUSTMENT TO CHANG	21	11.0	8.3	3.3	3.4	110	73	0	13	43	240	0	19	182	22	1	107
807 AGRIC ECONOMIC CHAN	11	0.8	2.1	0.1	0.9	32	4	0	0	0	36	0	7	79	2	0	124
808 GOV'T PROGRAMS	2	0.5	0.4	0.0	0.3	15	0	0	0	0	15	0	0	10	0	0	31
SUBTOTAL	126	50.5	37.2	22.8	29.0	386	131	10	51	379	958	42	597	1328	246	156	1138
SERIES 900																	
901 ALLEV POLLUTION	142	41.3	55.6	32.7	21.1	560	159	16	77	60	872	10	721	2034	156	281	456
902 OUTDOOR RECREATION	36	11.5	7.4	1.6	2.8	55	94	118	0	0	267	13	107	311	17	3	68
903 MULTI-USE-FOREST PO	15	4.3	10.0	2.9	1.0	7	0	112	0	0	119	23	41	150	1	0	168
904 WDLPE AND FISH ECO	124	27.6	38.0	43.9	12.2	252	31	142	39	95	558	35	569	1271	92	146	789
905 TREES BEAUTIFICATIO	22	6.9	9.2	2.6	1.7	29	100	15	0	0	144	137	6	216	4	5	517
906 ORNAMENT & TURF DEV	114	37.7	27.5	41.8	26.8	673	172	0	0	0	845	14	74	2353	107	294	51
907 RURAL INCOME IMP	29	8.6	6.7	3.5	3.1	194	118	0	27	18	358	5	51	217	12	6	655
908 RURAL INSTITUT IMP	52	12.7	11.5	7.9	8.3	250	72	2	27	81	432	28	6	522	53	99	197
990 UNCLASSIFIED	12	1.2	0.0	0.0	0.0	287	56	16	0	96	455	18	100	118	0	66	0
SUBTOTAL	546	151.8	165.9	136.9	76.8	2307	801	421	170	351	4049	284	1675	7192	442	902	1734
SCIENCE IN SERV OF MAN	3141	906.0	581.0	5283	1918		25758			9909		4794		6697			
GRAND TOTAL		1019.2	1024.3	14971	1928		1658			3318		48794		5027			104298

SAES REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORESTRY SCR-OTHER INST)

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SIS	STAFF SUPPORT YEARS			MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH			
			PROP	TECH	OTHER	BATH	REF	STM	GT	CR	CB	CGCA	FED	APPRO	SAL	-TRY	-ER	TOTAL
0100 SOIL AND LAND	336	104.4	80.9	141.0	112.6	984	187	117	253	766	2308	198	600	6359	346	394	1178	11379
0200 WATER	201	56.5	48.1	53.3	59.5	514	175	52	220	379	1339	209	371	2097	132	314	315	5577
0300 WATERSHEDS RIVER BAS	47	12.6	11.8	16.7	15.6	70	116	38	12	69	305	30	222	657	6	25	28	1270
0400 AIR AND CLIMATE	19	3.8	1.1	2.3	5.1	59	9	2	0	0	69	2	8	201	12	2	10	303
0500 RECREATION RESOURCES	32	12.0	17.5	9.2	9.0	45	0	112	73	0	230	281	75	347	14	8	138	1093
0600 TIMBER FOREST PRODUCT	435	157.3	132.0	184.1	141.8	259	2052894	136	100	3595	1370	1897	8418	486	1374	440	16779	
0700 RANGE	61	18.4	10.5	19.0	29.0	205	10	14	50	28	306	122	7	1146	217	166	2	1967
0800 WILDLIFE AND FISH	243	75.8	70.8	96.6	88.4	470	215	248	157	477	1568	371	1391	4334	391	1060	1091	10208
0900 CITRUS SUB TROP FRUT	137	72.2	14.0	90.2	125.2	543	62	0	12	0	617	265	230	5245	203	247	89	6897
1000 FRUIT NUTS DECIDUOUS	338	106.7	48.4	137.4	157.1	1401	278	0	156	277	2112	26	230	8653	564	235	172	11993
1100 POTATOES	37	6.8	3.8	8.0	7.0	79	1	0	0	0	80	1	0	540	21	14	1	658
1200 VEGETABLES	518	190.5	102.6	216.3	354.7	2333	281	0	381	1603	4597	185	164	13416	699	524	399	19985
1300 ORNAMENTALS TURF	227	98.6	36.2	112.6	128.4	1282	194	0	37	23	1535	89	263	6426	222	325	179	8998
1400 CORN	276	57.1	40.9	66.2	65.2	846	295	0	82	0	1223	132	335	4076	270	155	133	6324
1500 GRAIN SORGHUM	153	34.6	17.0	32.4	46.0	379	47	0	13	9	448	17	9	2275	212	119	74	3154
1600 RICE	93	30.0	13.9	14.2	35.0	385	32	0	5	0	422	5	58	2284	213	340	23	3346
1700 WHEAT	146	29.2	20.7	31.6	29.0	490	31	0	49	9	579	18	18	1720	175	197	96	2799
1800 OTHER SMALL GRAINS	102	19.2	9.5	26.1	19.5	308	13	0	208	322	851	3	3	1051	64	41	25	2041
1900 PASTURE	106	24.6	6.5	27.4	53.9	356	9	0	21	162	548	17	30	1873	311	70	75	2924
2000 FORAGE CROPS	342	120.5	63.5	152.9	195.5	1872	302	1	169	268	2588	238	201	8711	1228	221	110	13296
2100 COTTON	280	96.3	59.1	81.2	138.5	1115	560	0	161	236	2072	461	468	6337	638	1051	262	11288
2200 COTTONSEED	14	2.1	0.5	1.5	1.1	35	3	0	0	0	38	0	22	108	3	37	0	208
2300 SOYBEANS	455	135.5	128.9	140.9	177.1	1802	717	0	788	976	4282	144	248	9137	673	780	799	16063
2400 PEANUTS	146	40.4	25.9	62.4	63.3	440	50	0	85	83	658	58	185	3073	192	235	391	4792
2500 OTHER OILSEED CROPS	18	3.5	0.6	1.5	3.2	33	0	0	0	2	35	0	42	190	3	18	0	290
2600 TOBACCO	134	49.8	40.3	85.1	76.4	670	15	0	157	36	878	38	39	4866	196	155	322	6496
2700 SUGAR CROPS	69	34.9	6.6	28.3	117.6	747	31	0	1	0	779	1	116	2182	271	180	18	3587
2800 MISC NEW CROPS	45	7.7	2.6	8.9	26.1	136	70	0	30	0	235	3	0	384	63	9	3	697
2900 POULTRY	322	108.1	78.3	172.0	146.4	1936	439	0	329	739	3843	53	137	8348	569	450	327	13328
3000 BEEF CATTLE	578	193.1	110.5	266.5	382.1	3255	1077	0	655	1618	6605	817	1141	17538	4169	958	265	31513
3100 DAIRY CATTLE	389	112.4	77.3	113.5	263.1	2495	572	0	676	499	4243	270	173	10320	3378	581	249	19214
3200 SWINE	231	74.4	54.3	90.0	126.5	1111	387	0	279	1162	2939	47	668	5721	1135	130	210	11049
3300 SHEEP AND WOOL	97	16.8	13.0	34.2	31.2	284	39	0	68	224	615	45	1	1536	126	87	41	2451
3400 OTHER ANIMALS	158	44.8	30.7	47.1	52.5	383	8	0	226	1180	1797	79	331	2355	119	267	36	4988
3500 BEES AND HONEY	6	2.2	0.3	2.5	0.1	10	0	0	0	0	10	16	0	69	0	6	2	104
3600 FARM SUPP & FACILITS	25	6.6	1.2	4.1	4.2	35	0	8	126	13	183	2	18	344	26	26	3	602
3700 CLOTHING & TEXTILES	23	6.3	6.1	1.1	3.8	88	37	0	72	87	284	0	191	0	0	0	475	
3800 FOOD	154	54.5	32.0	58.4	61.8	785	348	0	400	764	2298	136	159	2203	58	233	39	5125
3900 HOUSING & EQUIP	71	27.3	113.2	10.5	18.5	146	58	0	128	57	389	89	20	1202	26	28	20	1775
4000 PEOPLE AS INDIVIDUAL	249	68.0	53.7	54.7	51.7	587	269	0	998	1533	3387	116	397	2353	65	133	113	6564
4100 FAMILY MEMBERS	98	26.2	22.4	14.0	22.0	201	95	0	344	708	1348	5	22	479	4	23	47	1928
4200 FARM AS BUSINESS	89	28.6	13.0	11.2	27.6	500	89	0	59	260	908	75	17	907	50	13	19	1989
4300 SOC POLIT ORGANIZ	121	34.8	27.8	33.8	33.7	489	161	0	128	956	1735	17	128	913	29	79	41	2942
4400 AGRIC ECONOMY U S	31	9.5	7.8	3.4	16.6	123	13	0	34	18	184	43	0	581	31	41	12	892
4500 AGRIC ECONOMY FORGN	2	0.1	0.1	0.0	0.0	1	0	0	0	0	1	0	0	9	0	0	0	10
4600 FARM COOPERATIVES	11	1.7	0.2	0.8	2.8	33	5	0	30	70	4	0	73	0	6	1	154	
4700 OTH MARKET PROCESS	12	1.5	1.0	1.9	3.3	30	20	0	0	0	50	1	2	94	1	9	35	194
4800 MARKETING SYSTEMS	31	7.4	1.7	5.7	7.0	86	106	0	50	0	242	94	0	276	28	25	6	670
6100 WEEDS	27	4.6	10.0	9.4	5.9	71	5	0	23	0	100	46	47	305	34	49	45	628
6200 SEED RESEARCH	7	2.0	0.3	3.3	2.2	36	0	0	0	0	36	0	0	115	2	6	4	162
6300 BIO CELL SYSTEMS	40	14.2	16.9	20.4	8.8	154	0	0	3	0	157	38	568	686	44	20	38	1551
6400 EXP DESIGN/STAT BETH	14	6.4	5.8	5.9	5.9	12	1	0	33	42	68	11	5	540	0	0	9	654
6500 INVERTEBRATES	67	24.5	14.6	28.4	9.1	218	1	0	20	71	310	67	503	1312	29	152	101	2873
6600 MICROORGANISMS, VIRUS	57	21.4	12.1	21.1	9.5	197	48	0	32	15	292	25	709	1162	5	429	62	2683
6700 PLANTS	202	63.8	56.5	81.0	90.8	689	192	0	686	12	1580	223	441	4388	200	430	1441	8699
6800 ANIMALS (VERTEBRATES)	98	16.6	19.1	28.6	14.9	209	67	0	54	19	350	81	495	1210	40	108	97	2380
6900 RESEARCR ON RSCH MGM	7	5.0	2.6	0.3	2.2	18	1	0	0	0	19	17	0	336	0	12	58	843
7000 RSCH EQUIP & TECHNOL	21	3.4	3.2	5.4	3.0	11	1	17	0	0	29	7	83	218	0	21	37	395
9900 UNCLASSIFIED	24	6.8	2.9	0.6	0.7	199	96	38	0	246	579	244	36	491	68	78	1	1496
TOTAL	8272	1802.4	3686.1	8045	8663	68565	12733	18085	9731	2594.0	2949.2	32253	3539	16066	6867	173185	12695	301861

SAES REGION 2 SOUTHERN REGION **(INCLUDES SAES-FORESTRY SCH-OTHER INST)**

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF			SUPPORT YEARS			MCIN SP			OTH TOT		USDA OTHER STATE PROD		INDUS PROD		OTH -TRY		ER TOTAL	
		SYS	PROF	TECH	OTHER	HATH	BRP	STEM	GT	CR	CR	CGCA	FED	APPB0	SALES	PROD	INDUS	OTH	ER	
SERIES 100																				
101 APPRAIS OF SOIL RES	70	23.8	26.4	33.9	17.8	247	26	32	0	41	346	21	24	1622	60	52	699	2824		
102 SOIL PLNT WTH NUTRI	204	62.6	34.9	81.5	7.8	518	90	61	58	456	1184	157	203	3992	304	226	509	6574		
103 MGMT OF SALINE SCIL	18	5.0	1.5	4.6	7.1	45	0	0	0	0	45	0	0	6	10	32	21	378		
104 ALTERN USE OF LAND	40	11.6	8.8	9.2	9.6	203	1	0	26	0	231	15	191	567	15	12	75	1105		
105 CONSERV USE OF WATE	91	20.0	15.6	17.6	25.4	207	81	14	2	55	358	157	186	1168	90	100	27	2086		
106 DRAIN AND IRRIGATI	34	10.1	5.7	11.8	15.1	106	38	0	2	0	145	45	3	646	78	66	10	989		
107 WATERSHED PROT & MG	48	14.9	16.9	22.7	20.6	98	118	57	2	22	297	182	209	886	26	44	171	1814		
108 ECON LEG PROB OF WA	5	3.9	3.9	1.8	2.3	57	0	0	0	0	57	6	0	169	0	9	13	254		
109 WEATHER ADAPT & MOD	29	4.6	1.4	3.5	6.2	35	15	9	24	10	93	11	8	236	14	2	9	371		
110 APPRAIS POBSE & RAN	39	10.0	6.2	7.0	5.2	18	9	97	0	22	146	87	34	424	13	5	22	731		
111 BIOL CULT MGMT PCBS	151	49.0	36.8	46.7	46.7	50	221058	35	66	1231	130	28	2371	360	277	153	4551			
112 IMPROV RANGE RESCR	42	11.6	7.1	11.3	25.0	138	0	14	34	0	186	19	3	822	200	90	1	1322		
113 REMOTE SENSING	14	3.4	2.1	6.5	2.9	0	0	49	0	50	99	61	30	228	12	67	34	530		
114 RSCH ON MGMT OF RSC	7	5.0	2.6	0.3	2.2	18	1	0	0	0	19	17	0	336	0	12	58	443		
SUBTOTAL	792	235.5	169.9	257.9	265.0	1740	4021390	184	722	4437	908	919	13736	1178	993	1802	23973			
SERIES 200																				
201 CNTRL FORST INSECTS	70	17.6	13.3	25.3	17.0	85	57	134	92	4	372	357	343	856	26	43	59	2056		
202 CONTROL FOREST DIS	48	14.0	7.7	13.2	12.4	26	28	218	0	0	273	36	3	707	5	36	10	1070		
203 FOREST FIRE PROTECT	5	1.0	0.3	1.0	0.2	0	0	5	0	0	5	101	0	43	1	2	152			
204 CNTR PESTS FRT & VE	142	40.4	19.2	53.7	64.7	479	68	0	62	31	640	236	86	2689	142	159	125	4078		
205 CNTR DISE FRT & VEG	253	77.9	36.8	94.6	139.8	849	67	0	135	118	1170	115	76	6157	223	193	190	8124		
206 CMTR WEEDS FRT & VE	68	17.4	9.6	19.0	24.0	198	4	0	65	10	277	21	100	1255	52	51	79	1834		
207 CNTR PESTS PLD CROP	259	88.3	64.5	105.3	108.4	1378	429	0	125	72	2004	332	431	5482	299	837	478	9859		
208 CNTR DIS FIELD CROP	319	109.6	74.9	117.9	126.2	1462	334	0	393	236	2425	165	144	6338	367	506	526	10472		
209 CNTR WEEDS PLD CROP	144	48.9	48.2	41.3	74.3	750	152	0	72	138	1113	67	106	3496	332	699	234	6046		
210 CONTE PESTS ANIMALS	53	16.7	10.1	15.4	10.3	230	12	0	93	153	488	131	79	846	28	98	73	1742		
211 CONTE DIS ANIMALS	233	83.9	39.3	98.8	63.4	1050	86	0	230	1272	2639	583	46	5330	420	578	117	9718		
212 CNTR INTER PARASITE	55	19.1	6.9	17.4	28.0	208	0	0	175	97	476	7	2	1235	39	257	38	2055		
213 PROT ANNL FROM TOX	42	8.9	4.1	21.2	8.3	107	73	0	25	154	359	27	41	810	19	72	26	1355		
SUBTOTAL	1754	555.4	345.4	643.5	693.7	6889	1332	360	1560	2319	12460	2364	1859	35924	1962	3728	2034	60331		
SERIES 300																				
301 GENET BREED FORST T	49	14.9	23.3	29.6	22.7	19	50	470	0	0	539	65	37	996	26	532	31	2227		
302 IMP FOREST ENG SYS	13	6.0	5.0	7.6	3.9	0	0	121	0	0	121	44	200	290	10	88	1	754		
303 ECON TIMBER PRODUCT	18	7.1	3.7	8.2	1.6	0	0	137	0	0	137	184	39	330	1	70	24	748		
304 IMP BIO EFF FRT & E	402	139.1	55.5	179.3	279.9	1515	208	0	233	1109	3065	43	127	11242	728	336	126	15667		
305 MECH PROD FRT & VEG	63	14.3	6.3	19.9	15.6	213	0	0	20	20	234	50	4	1266	28	43	63	1688		
306 PROD MGMT SYS F E V	38	9.2	4.3	14.1	16.0	75	9	0	0	34	118	4	38	812	42	23	6	1043		
307 IMP DIC EFF PLD CRP	713	302.1	165.2	380.3	571.3	3752	870	0	724	1115	6461	350	927	24298	2491	1088	1755	37330		
308 MECH PROD FIELD CROP	57	20.8	12.8	19.8	26.4	332	39	0	0	0	371	47	37	1440	177	138	98	2308		
309 PROD MGMT SYS FLC C	128	32.0	25.7	25.6	47.1	533	125	0	19	56	733	12	83	2715	347	110	47	4047		
310 ANIMAL REPRODUCTION	184	81.3	64.3	111.0	188.7	1277	463	0	55	565	2359	29	2145	6543	1569	247	134	13026		
311 IMP BIO EFF ANNL PR	536	189.2	124.9	307.1	471.9	3897	949	0	1111	1845	7802	241	268	26000	5329	896	597	35735		
312 ENV STRESS IN ANML	77	20.0	8.5	18.6	28.3	289	76	0	63	0	427	75	33	1716	236	20	38	2545		
313 PROD MGMT SIS ANML	128	30.6	22.6	26.6	81.3	569	54	0	73	364	1060	17	9	2692	826	65	21	4690		
314 BEES OTL POLLNTNG I	6	2.2	0.3	2.5	0.1	10	0	0	0	0	10	16	0	69	0	6	2	104		
315 IMP STRUC FARM SUPP	38	12.0	2.7	8.2	10.0	104	1	8	126	13	253	19	30	686	18	25	7	1037		
316 FARM BUSINESS MGMT	65	23.9	10.1	8.9	8.7	248	408	68	0	41	200	717	74	17	756	42	6	17	1628	
317 MECH/STRUCTS ANNL P	42	10.5	5.4	9.7	11.1	120	22	0	2	0	144	43	45	687	47	6	39	1012		
318 NON-COM BIO TECH/BI	223	89.6	79.3	111.7	62.5	873	58	2	131	97	1160	178	2274	5497	186	780	275	10350		
SUBTOTAL	2780	1004.7	619.8	1288.7	1862.0	13984	2992	738	2579	5419	25711	1451	6314	82635	12104	4440	3281	135935		
SERIES 400																				
401 NEW IMP FOREST PROD	45	26.6	30.9	32.1	21.3	12	0	488	0	0	500	193	308	1771	21	204	79	3076		
402 PROD F RT & IMP ACCE	106	21.3	14.0	24.4	33.9	264	30	0	88	71	453	6	0	1681	112	64	17	2332		
403 NEW & IMP F&W PROD	64	25.0	13.7	22.3	35.6	470	57	0	31	0	558	0	0	1374	104	38	26	2100		
404 MKT QALU FRPTS F & VEG	45	10.6	5.2	16.8	8.4	162	40	0	0	0	202	0	8	6	27	37	10	1040		
405 PROD PLD CROP IMP A	108	27.1	26.1	30.0	34.6	465	35	0	134	0	633	4	4	1937	337	69	49	3035		
406 NEW IMP FOOD PLD CR	47	11.8	7.4	13.3	15.7	259	0	0	90	171	520	0	57	700	40	42	18	1378		
407 NEW IMP-NO FOOD FC	19	7.9	3.1	3.2	15.9	175	9	0	0	0	184	8	0	298	43	7	2	542		
408 MKT QALU FIELD CROP	30	7.2	1.6	3.5	5.3	78	28	0	0	0	107	17	5	399	17	12	27	585		
409 PROD ANNL PR IMP AC	70	18.1	19.7	23.7	31.1	340	129	0	206	669	1344	8	26	922	154	30	12	2495		
410 IMP MEAT MILK EGG P	98	30.1	31.0	33.2	33.9	670	155	0	6	29	860	49	113	2469	542	106	99	4239		
411 IMP NON-FOOD ANNL P	8	2.2	1.4	0.6	0.7	13	0	0	3	30	45	4	0	70	0	7	1	126		
412 MKT QALU ANIMAL PRO	49	10.7	7.1	15.1	12.6	231	30	0	18	112	391	0	8	771	41	46	2	1259		
SUBTOTAL	689	198.6	161.2	218.9	248.8	3137	533	488	572	1122	5852	422	535	13177	1438	658	343	22425		
SERIES 500																				
501 IMP GRADES & STANDS	32	9.1	8.1	8.9	17.8	203	30	0	2	0	235	2	0	626	228	32	20	1148		
502 MKTG TIMBER PRODUCT	15	2.8	0.4	2.8	2.4	13	40	17	0	0	80	28	0	103	4	0	13	229		
503 MKTG EFF AGRI PRDCS	79	21.2	7.5	11.7	21.3	338	262	0	131	0	730	65	27	815	27	28	11	1704		
506 SPLY DEMAND AND PRI	75	23.3	17.8	12.2	46.1	294	415	0	0	51	760	99	51							

SAES REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS				MCIN	SP	OTH	TOT	USDA	OTHER STATE	PROD	INDUS	OTH	APPRO	SALES	-TEY	-BR	TOTAL
		SYS	PROF	TECH	OTHER														
SERIES 800																			
801 RURAL HOUSING	29	15.6	105.2	2.1	5.3	33	74	0	126	57	291	6	13	264	1	0	0	575	
802 INDIV & FAM DEC PAK	57	15.8	10.4	6.7	10.8	117	84	0	173	560	934	8	28	309	1	9	14	1304	
803 RURAL POVERTY	31	9.9	12.3	10.2	15.9	38	30	0	96	756	914	5	1	135	4	0	0	1069	
804 ECON POTENT RURL PE	41	11.4	7.3	5.8	8.7	103	66	0	150	184	503	6	0	206	11	1	1	729	
805 COMMUNICAT RURAL PE	27	12.3	13.3	6.8	8.9	53	4	0	76	520	653	0	3	723	0	16	85	1480	
806 ADJUSTMENT TO CHANG	63	17.2	12.4	10.2	12.0	219	103	0	204	77	604	4	26	393	12	24	7	1069	
807 AGRIC ECONOMIC CHAN	46	13.4	10.1	5.9	22.2	196	38	0	52	76	361	29	0	691	36	48	10	1176	
808 GOV'T PROGRAMS	11	2.7	0.8	1.1	3.3	26	0	0	0	0	26	18	33	130	1	0	6	213	
SUBTOTAL	305	98.3	171.8	48.7	87.3	780	399	0	876	2231	4286	76	103	2852	66	98	124	7606	
SERIES 900																			
901 ALLEV POLLUTION	180	68.2	58.2	77.9	61.8	662	238	66	412	857	2236	53	546	3545	69	533	300	7282	
902 OUTDOOR RECREATION	27	12.7	17.1	9.7	9.4	48	0	110	73	0	228	278	132	381	14	35	138	1205	
903 MULTI-USE-FOREST PO	30	5.1	3.2	4.9	4.1	6	0	134	0	0	140	88	8	219	6	49	3	513	
904 WDLFLF AND FISH ECO	205	62.0	57.6	84.1	75.7	360	214	169	107	454	1305	291	1046	3565	369	890	1029	8495	
905 TREES BEAUTIFICATIO	18	4.4	0.3	3.6	4.6	47	0	0	17	0	64	0	223	165	18	35	0	505	
906 ORNAMENT & TURF DEV	220	95.9	35.7	109.7	122.3	1270	191	0	20	23	1503	49	47	6351	222	305	179	8656	
907 RURAL INCOME IMP	61	11.2	8.3	2.3	14.9	194	45	0	101	60	401	5	1	359	24	42	12	844	
908 RURAL INSTITUT IMP	60	18.0	16.3	7.5	17.3	278	92	0	65	868	900	18	64	535	11	13	31	1567	
990 UNCLASSIFIED	24	6.8	2.9	0.6	0.7	199	96	38	0	246	579	244	36	891	68	78	1	1496	
SUBTOTAL	825	284.3	195.5	300.3	310.9	3062	876	518	796	2103	7355	1021	2102	15612	802	1981	1692	30564	
SCIENCE IN SERV OF MAN	7932	1802.4	3686.1	8045	8663		68566		12733		18085		9731						
GRAND TOTAL		2594.0	2989.2	32253	3539		16066		6867		173185		12695					301861	

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SUPPORT PROF	STAFF YEARS		HCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH				
			SYS	TECH														
0100 SOIL AND LAND	388	100.9	143.1	77.7	66.0	1392	302	94	25	27	1840	522	1467	6412	684	1624	766	13316
0200 WATER	213	43.9	81.9	39.1	33.6	489	126	8	11	12	646	340	1051	2786	294	396	137	5649
0300 WATERSHEDS RIVER BAS	30	7.5	14.1	4.7	8.0	54	1	84	0	0	139	53	356	493	13	24	77	1156
0400 AIR AND CLIMATE	49	13.3	17.2	9.6	15.5	139	160	0	0	0	299	25	414	757	48	49	31	1621
0500 RECREATION RESOURCES	47	11.0	9.1	5.8	7.2	81	22	60	0	2	165	63	52	531	16	35	69	930
0600 TIMBER FOREST PRODUCT	309	94.4	105.7	67.2	73.8	404	991604	2	0	0	2109	670	844	5412	356	1269	598	11257
0700 RANGE	49	14.2	14.1	10.5	7.0	148	9	0	9	0	166	71	26	850	163	43	27	1347
0800 WILDLIFE AND FISH	116	28.8	41.9	22.4	16.5	254	22	37	0	9	323	44	569	1700	72	592	230	3530
0900 CITRUS SUB TROP FRUT	2	0.1	0.4	0.0	0.1	0	8	0	0	0	8	0	3	7	0	1	0	19
1000 FRUIT NUTS DECIDUCOUS	141	53.3	36.8	43.3	24.7	758	96	0	35	0	889	78	167	3596	243	344	150	5467
1100 POTATOES	79	21.8	26.1	21.0	12.4	367	207	0	0	0	574	46	98	1559	27	306	60	2670
1200 VEGETABLES	241	65.1	68.9	55.7	39.2	1208	91	0	128	190	1616	75	266	4551	81	560	138	7288
1300 ORNAMENTALS TURF	123	44.3	29.7	37.2	27.8	520	16	0	0	0	537	64	3	3057	86	253	175	4175
1400 CORN	468	109.6	172.9	119.6	104.6	1996	546	0	192	0	2734	787	1048	7169	1060	1797	330	14924
1500 GRAIN SORGHUM	135	26.1	42.9	31.0	19.8	251	58	0	0	0	309	123	424	1445	370	421	43	3135
1600 RICE	10	5.2	6.7	3.9	5.2	3	3	0	0	0	5	5	0	401	3	0	0	415
1700 WHEAT	293	74.0	85.4	70.8	47.9	988	243	0	52	0	1283	547	152	4823	540	1019	205	8570
1800 OTHER SMALL GRAINS	145	31.0	40.9	33.6	24.8	494	26	0	22	0	541	97	43	2128	150	751	100	3810
1900 PASTURE	29	3.7	4.3	6.6	5.1	93	38	0	7	0	138	16	8	368	53	25	4	610
2000 FORAGE CROPS	231	52.6	60.2	51.7	52.5	1024	543	0	26	0	1593	374	217	3784	602	630	74	7272
2100 COTTON	6	2.8	1.3	2.8	1.1	48	0	0	0	0	48	18	7	109	25	25	2	235
2200 COTTONSEED	1	0.0	0.1	0.0	0.0	1	0	0	0	0	1	0	0	1	0	0	0	3
2300 SOYBEANS	351	85.3	114.6	72.1	62.6	1285	287	0	478	134	2184	250	372	5068	540	1558	216	10189
2400 PEANUTS	3	0.0	0.1	0.0	0.0	1	0	0	3	0	4	0	9	3	0	0	0	16
2500 OTHER OILSEED CROPS	58	12.4	10.9	9.1	4.1	169	14	0	6	0	190	42	106	738	61	56	63	1257
2600 TOBACCO	8	1.8	2.4	0.9	0.6	24	0	0	0	0	24	2	26	128	2	6	0	187
2700 SUGAR CROPS	29	3.4	3.4	6.0	2.1	53	8	0	12	0	73	3	6	445	36	101	6	669
2800 MISC NEW CROPS	30	5.1	4.0	3.0	7.3	93	48	0	0	0	141	20	89	501	21	25	12	809
2900 POULTRY	193	57.1	58.8	78.9	66.1	1412	530	0	121	152	2216	209	298	4092	392	303	115	7624
3000 BEER CATTLE	404	116.1	156.1	258.4	209.3	2066	703	0	290	527	3586	298	346	10143	9662	1147	125	25307
3100 DAIRY CATTLE	372	96.0	128.7	113.6	128.1	2079	776	0	266	640	3781	221	836	9216	1612	1497	239	17400
3200 SWINE	312	87.8	102.8	102.0	132.8	1728	500	0	344	817	3389	245	387	7036	2967	1375	192	15591
3300 SHEEP AND WOOL	109	22.1	21.6	23.8	24.7	359	141	0	10	252	762	11	87	2282	637	114	34	3927
3400 OTHER ANIMALS	104	23.6	34.5	15.6	19.9	364	36	0	33	273	706	48	598	1311	234	179	36	3109
3500 BEES AND HONEY	7	2.8	3.6	1.2	1.1	33	0	0	0	0	33	33	7	223	2	5	7	311
3600 FARM SUPP & FACILITS	46	14.3	12.3	11.9	12.5	221	17	0	7	0	245	97	252	835	314	100	72	1916
3700 CLOTHING & TEXTILES	25	8.7	6.1	1.0	2.8	150	10	0	0	0	160	0	0	384	0	6	2	553
3800 FOOD	158	43.5	64.5	41.2	31.0	748	195	0	15	0	954	171	841	2715	131	584	418	5815
3900 HOUSING & EQUIP	64	13.1	17.4	6.5	12.5	145	60	0	6	1	211	165	102	827	43	33	121	1503
4000 PEOPLE AS INDIVIDUAL	170	38.8	59.6	21.4	28.4	564	110	0	172	42	889	50	629	2316	62	160	62	4168
4100 FAMILY MEMBERS	99	24.4	34.9	5.2	13.3	267	151	0	88	157	663	2	0	1433	36	34	53	2222
4200 FARM AS BUSINESS	70	22.3	32.1	6.4	28.6	435	30	0	0	0	465	184	158	1171	49	22	12	2061
4300 SOC POLIT ORGANIZ	130	36.1	59.3	6.1	32.1	646	116	6	69	112	949	213	136	1800	90	160	271	3619
4400 AGRIC ECONOMY U S	44	10.9	20.8	2.9	13.8	270	52	0	54	0	376	178	15	608	9	73	2	1261
4500 AGRIC ECONOMY FORGN	15	2.7	16.5	1.7	4.4	51	0	0	0	0	51	197	1	122	5	5	0	382
4600 FARM COOPERATIVES	18	3.9	7.8	2.4	2.0	69	15	0	0	0	84	79	0	169	5	1	4	341
4700 OTH MARKET PROCESS	16	3.8	5.7	2.3	2.8	63	19	0	0	0	82	67	0	183	6	2	2	341
4800 MARKETING SYSTEMS	65	12.3	11.2	4.5	12.7	166	113	0	51	0	330	121	6	511	17	5	37	1028
6100 WEEDS	10	4.3	0.6	4.1	3.8	34	9	0	0	0	43	0	24	174	4	12	5	261
6200 SEED RESEARCH	8	3.3	5.7	7.2	7.2	31	0	0	0	0	31	0	82	172	367	10	13	674
6300 BIO CELL SYSTEMS	92	35.9	61.6	27.2	23.3	435	26	0	0	0	460	18	2189	2093	25	205	142	5132
6400 EXP DESIGN/STAT METH	31	9.1	8.7	4.0	3.7	37	5	0	0	0	42	631	70	676	28	3	23	1473
6500 INVERTEBRATES	47	15.9	15.0	7.4	8.7	255	6	0	0	1	262	6	258	863	24	11	60	1484
6600 MICROORGANISMS, VIRUS	86	28.7	47.4	18.2	16.0	364	29	0	0	0	393	93	1977	1621	15	214	229	4541
6700 PLANTS	196	61.7	58.8	52.2	57.9	796	124	0	743	0	1663	90	650	4215	1174	631	259	8682
6800 ANIMALS (VERTEBRATES)	163	44.2	46.6	52.4	32.8	637	142	0	117	135	1030	73	1394	2833	529	325	186	6371
6900 RESEARCH ON RSCH EGM	13	4.0	3.1	1.2	1.5	25	40	0	0	0	65	52	5	215	0	3	28	368
7000 RSCH EQUIP & TECHNOL	25	5.2	5.2	1.9	2.1	25	20	1	0	0	46	94	70	277	3	17	15	521
9900 UNCLASSIFIED	13	1.9	2.3	0.0	4.5	117	136	32	0	82	368	138	406	406	531	11	0	1861
TOTAL	6629	2268.2	1609.7	7082	3413	42917	19647	24515	6281	1766.2	1688.1	26930	1928	3564	8114	119739	19158	240371

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS										NCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH -TRY	-ER	TOTAL	
		SYS	PROF	TECH	OTHER	HATH	BPF	STEM	GT	CR	CR													
SERIES 100																								
101 APPRAISAL OF SOIL RES	71	25.9	33.5	14.0	18.2	241	70	16	0	0	0	328	145	372	1411	118	710	158	3235					
102 SOIL PLNT WTR NUTRI	198	58.7	62.4	54.3	33.5	868	95	132	60	0	0	1155	267	503	3883	781	630	336	7574					
103 MGMT OF SALINE SCRL	5	0.4	1.3	0.7	0.3	6	0	0	0	0	0	6	0	5	45	10	0	2	68					
104 ALTRN USE OF LAND	57	15.1	23.0	4.8	10.3	147	32	25	4	27	236	80	177	840	17	63	148	1582						
105 CONSERV USE OF WATE	70	15.9	38.3	13.1	19.1	156	8	6	9	8	187	242	325	946	168	191	114	2171						
106 DRAIN AND IRRIGATIO	40	9.1	9.8	9.2	5.0	131	0	0	0	0	0	131	40	189	706	105	14	35	1217					
107 WATERSEED PROT & MG	38	9.5	19.3	9.8	12.9	138	1	71	0	0	0	211	53	518	646	38	27	41	1527					
108 ECON LEC PROB OF HA	17	7.7	10.0	2.7	4.2	57	0	0	0	4	61	16	158	303	0	10	0	543						
109 WEATHER ADAPT & EOD	48	18.1	18.4	10.9	18.8	160	156	0	5	0	321	22	452	854	71	49	37	1805						
110 APPRAISL FORST & BAN	35	7.4	11.1	2.6	2.7	36	0	143	0	0	179	59	223	394	14	51	31	951						
111 BIOL CULT EGBT FCRS	100	23.7	31.8	23.4	21.5	51	28	471	0	0	550	95	175	1618	240	140	190	3007						
112 IMPROV RANGE RESCR	29	10.4	9.3	9.7	8.1	81	0	9	0	0	99	42	5	576	147	25	18	912						
113 REMOTE SENSING	13	3.2	8.1	3.2	2.5	13	0	10	0	0	0	23	123	225	197	5	2	64	638					
114 RSCH ON MGMT OF BSC	13	4.0	3.1	1.2	1.5	25	40	0	0	0	65	52	5	215	0	3	28	368						
SUBTOTAL	730	205.0	279.4	159.3	151.0	2109	440	875	87	39	3550	1257	3325	12627	1706	1935	1199	25599						
SERIES 200																								
201 CMTR FORST INSECTS	36	7.6	12.5	2.6	4.2	63	6	101	1	0	171	127	178	387	10	15	52	940						
202 CONTROL FOREST DIS	37	7.3	10.8	3.5	4.1	59	0	82	1	0	142	25	0	373	6	10	78	633						
203 FOREST FIRE PROTECT	2	0.3	0.0	0.0	0.0	0	0	0	0	0	0	10	0	21	0	1	0	31						
204 CMTR PESTS FRT & VE	55	14.9	15.8	13.2	8.8	231	18	0	27	0	276	16	196	1031	20	206	107	1852						
205 CMTR DISE FRT & VEG	118	28.2	31.0	19.9	17.1	608	102	0	43	0	753	102	71	1896	39	265	52	3178						
206 CMTR WEEDS FRT & VE	23	6.9	6.0	3.5	2.5	64	3	0	1	0	69	22	1	422	19	183	11	687						
207 CMTR PESTS FLD CROP	136	37.5	63.5	40.1	36.8	742	238	0	27	0	1008	249	479	2461	147	510	52	4906						
208 CMTR DIS FIELD CROP	220	67.6	124.6	55.3	39.4	1352	292	0	188	0	1832	186	253	4084	119	730	90	7293						
209 CMTR WEEDS FLD CROP	92	22.0	31.8	28.8	23.2	388	29	0	21	0	438	137	119	1912	35	462	93	3512						
210 CONTR PESTS ANIMALS	44	10.6	9.3	7.5	10.3	206	24	0	40	10	280	34	28	551	184	92	6	1173						
211 CONTR DIS ANIMALS	305	88.2	67.4	125.5	62.2	958	513	0	668	1631	3770	382	551	6667	727	256	51	12045						
212 CMTR INTER PARASITE	25	6.0	4.7	11.0	4.3	53	24	0	8	132	217	0	21	631	43	103	3	1019						
213 PROT ANMLS FROM TOX	46	11.9	13.2	6.8	6.4	86	43	0	20	90	239	2	175	681	97	98	31	1323						
214 PROTECT FROM POLLUT	61	8.3	8.3	7.2	5.9	111	25	38	0	18	192	24	171	562	14	476	17	1457						
SUBTOTAL	1200	313.2	398.8	324.7	225.1	4920	1319	221	1046	1880	9386	1317	2243	21679	1774	3366	644	40408						
SERIES 300																								
301 GENET BREED FORST T	40	9.6	8.4	10.2	7.6	58	49	238	0	0	345	22	14	583	15	1	68	1047						
302 IMP FOREST ENG SIS	4	1.3	0.3	0.1	0.3	0	0	12	0	0	12	27	0	58	5	6	7	115						
303 ECON TIMBER PRODUCT	13	3.7	5.6	0.7	3.7	4	0	55	0	0	59	45	0	233	7	6	19	369						
304 IMC BIO EPP FRT & V	171	60.5	54.6	49.6	42.2	810	143	0	76	190	1219	58	348	4496	337	442	65	6965						
305 MECH PROD FRT & VEG	22	4.9	1.3	5.2	1.5	135	7	0	0	0	142	21	0	323	6	8	16	517						
306 PROD MGMT SIS F & V	20	5.1	1.6	3.9	1.1	49	0	0	0	0	49	0	0	323	15	72	6	464						
307 IMP BIO EPP FLD CRP	461	190.4	223.6	224.9	168.2	2634	525	0	394	138	3687	1251	1190	1334	2810	3829	594	26445						
308 MECH PROD FIELD CROP	34	8.1	11.4	10.0	5.1	133	36	0	2	0	170	6	40	661	31	39	16	1014						
309 PROD MGMT SIS FLD C	86	19.4	17.0	16.4	16.1	337	27	0	0	0	363	133	41	1521	381	260	20	2720						
310 ANIMAL REPRODUCTION	158	47.6	80.7	57.9	60.1	1131	219	0	132	461	1942	47	694	3917	1146	387	92	8226						
311 IMP BIO EPP ANML PR	382	153.2	201.1	333.1	315.1	3361	1226	0	154	208	4949	375	715	1560	11163	2920	331	36054						
312 ENV STRESS IN ANPL	51	11.0	20.0	12.0	25.8	278	97	0	1	0	206	58	11	1225	644	196	7	2537						
313 PROD MGMT SIS ANML	92	18.8	21.3	17.1	39.9	369	155	0	31	0	555	13	0	1905	1039	164	31	3708						
314 BEES TOL CULLING T	7	2.8	3.6	1.2	1.1	33	0	0	0	0	33	33	7	223	2	5	7	311						
315 IMP STRUC FARM SUPP	51	15.7	14.1	13.1	14.9	206	5	0	6	0	218	193	54	936	320	102	126	1949						
316 FARM BUSINESS MGMT	52	16.0	26.2	5.4	24.7	333	16	0	0	0	349	163	89	897	47	20	11	1576						
317 MECH/STRUCTS ANML PR	23	4.6	4.7	3.3	3.9	104	5	0	8	0	117	41	5	304	51	14	543							
318 NON-COM BIO TECH/BI	301	130.7	166.0	91.1	78.3	1502	149	0	36	1	1689	111	5923	6831	451	650	649	16303						
SUBTOTAL	1968	703.4	861.6	855.2	809.8	11476	2659	305	840	1014	16294	2598	9133	535218289	9119	2079	11064							
SERIES 400																								
401 NEW IMP FOREST PROD	30	17.7	14.7	10.7	21.9	80	8	234	0	0	322	156	89	872	35	929	58	2462						
402 PROD F & V IMP ACCE	49	13.2	9.4	9.8	5.8	211	25	0	9	0	245	0	18	881	13	78	49	1283						
403 NEW & IMP PSY FCRC	33	6.7	5.8	9.5	5.7	178	23	0	0	0	200	14	33	503	9	33	21	812						
404 MKT QUAL PRFTS & VEG	28	6.1	6.0	7.6	3.2	165	50	0	0	0	215	5	3	486	7	53	25	794						
405 PROD FLD CROP LINE A	91	27.4	30.8	31.0	28.1	339	192	0	0	0	531	135	169	1559	248	428	74	3145						
406 NEW IMP FOOD FLD CR	64	17.9	30.6	18.8	28.6	286	79	0	18	0	383	42	65	1210	182	62	160	2103						
407 NEW IMP NON-FOOD FC	33	6.7	11.0	3.1	4.3	78	9	0	10	0	97	0	95	398	91	70	20	770						
408 MKT QUAL FIELD CROP	50	8.5	11.0	6.3	5.8	184	61	0	34	0	279	110	60	600	28	82	43	1203						
409 PROD ANML IMP AC	51	12.9	21.4	9.9	24.6	451	88	0	23	0	562	19	66	1131	593	63	40	2474</td						

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			MCIN	SP	OTB	TOT	USDA	OTHER	STATE	PROD	INDUS	OTB			
			PROF	TECH	OTHER													
SERIES 800																		
801 RURAL HOUSING	15	1.9	3.1	2.6	1.9	26	8	0	0	0	34	0	36	181	10	5	6	272
802 INDIV & FAM DEC HAK	69	16.9	23.7	4.0	7.9	200	70	0	0	0	270	0	0	948	35	67	29	1349
803 RURAL POVERTY	4	0.9	1.7	0.0	0.5	49	0	0	0	0	49	0	0	30	3	0	0	82
804 ECON POTENT RUBL PE	26	7.1	10.9	2.8	4.3	108	3	0	0	42	153	1	23	397	9	1	0	585
805 COMMUNICAT RURAL PE	44	13.5	13.5	1.4	9.1	117	30	0	44	43	234	10	6	1062	16	18	28	1373
806 ADJUSTMENT TO CHANG	51	14.2	15.7	1.2	9.0	180	76	0	0	0	256	23	22	791	16	6	41	1156
807 AGRIC ECONOMIC CHAN	57	15.8	20.0	3.4	13.5	313	74	0	54	0	441	98	82	777	29	94	44	1565
808 GOV'T PROGRAMS	20	3.2	5.5	0.9	3.7	67	18	0	0	0	85	23	2	186	0	6	0	302
SUBTOTAL	286	73.0	94.2	16.2	49.9	1060	279	0	98	66	1523	155	172	4372	119	197	148	6685
SERIES 900																		
901 ALLEV POLLUTION	158	37.7	64.9	38.1	26.9	514	437	10	34	1	996	87	932	2645	64	507	221	5851
902 OUTDOOR RECREATION	44	10.5	8.4	4.6	7.1	88	21	50	0	2	156	56	53	489	16	38	41	885
903 MULTI-USE-FOREST PO	17	5.6	4.7	1.9	1.9	5	1	62	0	0	68	22	0	229	17	0	96	432
904 WILDLIFE AND FISH ECO	102	25.8	37.6	20.1	14.9	233	6	25	0	9	273	41	443	1492	67	555	189	3061
905 TREES BEAUTIFICATIO	41	7.3	5.4	6.6	5.7	77	6	72	0	0	155	4	0	510	11	13	63	756
906 ORNAMENT & TURF DEV	116	44.3	28.7	36.6	27.4	517	16	0	0	0	533	64	3	3009	86	251	158	4104
907 RURAL INCOME IHP	33	6.1	12.4	1.7	5.3	152	6	0	22	31	211	105	13	347	10	2	10	698
908 RURAL INSTITUT IHP	73	20.9	35.0	3.9	18.7	369	103	6	47	38	558	107	61	1033	60	106	192	2117
990 UNCLASSIFIED	13	1.9	2.3	0.0	4.5	117	136	32	0	82	368	138	406	406	531	11	0	1861
SUBTOTAL	597	160.0	199.4	109.5	112.4	2064	732	257	103	162	3318	622	1912	10162	861	1478	971	19325
SCIENCE IN SERV OF MAN	5977	2268.2	1609.7	7082	3413	42917	19647	24515	6281									
GRAND TOTAL		1766.2	1688.1	26930	1928	3564	8114	119739	19159									240372

SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS				HCIN	SP	OTH	TOT	USDA	OTHER	STATE	PHOD	INDUS	OTH		
			PROF	TECH	OTHER	HATH												
0100 SOIL AND LAND	322	109.0	134.7	72.9	59.1	698	452	64	152	0	1366	1024	1710	6150	306	1038	424	
0200 WATER	215	62.6	62.5	46.9	40.5	441	239	45	5	5	735	526	1834	3743	130	255	316	
0300 WATERSHEDS RIVER BAS	42	12.6	10.1	7.4	6.3	45	0	84	0	0	129	264	331	548	18	14	104	
0400 AIR AND CLIMATE	48	15.3	21.2	7.9	10.1	104	99	27	4	0	234	135	750	1076	87	37	43	
0500 RECREATION RESOURCES	54	15.5	14.4	5.0	9.8	56	64	102	0	0	222	100	386	734	11	8	30	
0600 TIMBER FOREST PRODUCT	423	178.7	179.8	74.7	88.9	135	104	1673	10	0	1922	2214	2302	8234	553	1041	1145	
0700 RANGE	172	47.3	44.6	59.2	27.9	385	62	108	316	0	402	438	890	2425	218	154	138	
0800 WILDLIFE AND FISH	199	52.3	91.9	44.3	43.7	205	7	142	47	49	450	455	2215	3175	78	368	606	
0900 CITRUS SUB TROP FRUT	145	52.6	64.6	22.4	55.2	415	83	0	0	0	498	83	158	5597	21	197	81	
1000 FRUIT NUTS DECIDUCUS	285	103.2	109.2	91.4	95.6	757	496	0	13	0	1266	250	323	9275	465	943	267	
1100 POTATOES	98	27.2	23.5	21.5	13.2	249	17	0	20	0	285	26	164	1917	188	505	36	
1200 VEGETABLES	364	106.1	106.2	73.3	111.6	953	452	0	98	0	1502	289	491	8599	447	848	319	
1300 ORNAMENTALS TURF	143	43.6	40.8	22.9	42.3	402	10	5	5	0	422	43	142	3757	84	243	99	
1400 CORN	60	11.2	16.6	6.2	12.3	106	1	0	0	0	107	61	155	848	6	80	48	
1500 GRAIN SORGHUM	29	4.2	5.1	4.0	2.2	37	11	0	0	0	47	8	8	359	6	55	74	
1600 RICE	19	5.1	7.4	4.1	7.6	26	0	0	5	0	31	52	43	533	0	54	13	
1700 WHEAT	192	42.9	45.7	45.7	48.3	452	138	0	243	0	833	149	437	2977	341	597	351	
1800 OTHER SMALL GRAINS	152	28.2	26.4	29.3	29.6	331	102	0	24	0	458	108	203	2061	236	211	207	
1900 PASTURE	24	4.2	1.5	3.0	4.4	42	2	0	0	0	45	0	10	369	10	2	4	
2000 FORAGE CROPS	236	57.2	49.3	46.8	46.0	715	262	0	41	0	1018	281	449	4207	201	340	385	
2100 COTTON	85	32.9	28.1	17.7	20.6	242	89	0	22	0	353	99	175	2417	60	619	79	
2200 COTTONSEED	3	1.4	0.2	1.3	0.6	0	13	0	0	0	13	0	5	59	1	60	3	
2300 SOYBEANS	30	4.9	5.3	2.9	5.2	22	15	0	71	0	108	91	90	309	9	8	22	
2400 PEANUTS	6	1.4	0.2	1.6	1.1	0	0	0	0	0	0	0	7	61	0	14	0	
2500 OTHER OILSEED CROPS	44	12.3	13.2	9.1	18.9	53	28	0	11	2	94	131	214	971	38	207	127	
2700 SUGAR CROPS	64	10.6	8.1	5.3	9.4	96	10	0	12	0	118	21	15	736	28	180	49	
2800 MISC NEW CROPS	57	14.1	9.3	12.6	13.7	103	58	0	0	0	160	47	238	987	75	275	136	
2900 POULTRY	101	32.1	31.1	36.7	29.8	429	183	0	0	6	676	6	92	2802	238	281	197	
3000 BEEF CATTLE	327	116.3	120.0	120.8	135.3	1377	1380	0	364	470	3591	890	1462	7586	2059	459	453	
3100 DAIRY CATTLE	191	43.9	43.5	43.5	53.7	623	363	0	224	236	1446	166	244	3670	1003	184	179	
3200 SWINE	52	8.1	6.4	10.0	18.2	138	28	0	49	49	264	12	132	599	587	16	113	
3300 SHEEP AND WOOL	115	30.7	18.6	25.5	24.7	281	198	0	5	153	637	106	402	1801	336	101	185	
3400 OTHER ANIMALS	74	16.8	21.8	13.9	16.2	182	38	0	6	49	274	77	407	995	72	244	33	
3500 BEES AND HONEY	25	11.1	11.5	4.6	13.0	130	60	0	0	0	140	46	27	566	15	193	21	
3600 FARM SUPP & FACILITS	16	2.4	1.8	1.4	1.7	78	0	0	2	0	80	0	20	275	8	38	40	
3700 CLOTHING & TEXTILES	16	3.4	3.4	1.1	0.2	19	15	0	0	0	34	0	23	181	0	0	3	
3800 FOOD	107	36.7	43.1	15.3	33.0	278	242	0	553	0	1073	179	1323	2060	101	183	153	
3900 HOUSING & EQUIP	45	9.7	6.9	6.9	13.4	90	0	23	11	0	124	97	185	698	18	32	42	
4000 PEOPLE AS INDIVIDUAL	162	41.1	59.5	27.6	28.3	246	175	13	100	54	588	112	1353	2118	52	166	245	
4100 FAMILY MEMBERS	45	9.4	5.2	2.8	5.7	67	126	0	15	2	210	0	93	382	17	1	14	
4200 FARM AS BUSINESS	36	10.6	6.5	3.1	6.2	111	79	0	0	0	190	13	7	511	9	16	47	
4300 SOC POLIT ORGANIZ	85	20.7	20.1	7.5	9.5	200	69	0	37	66	372	34	280	970	19	30	102	
4400 AGRIC ECONOMY U S	28	8.9	4.2	2.0	4.5	87	36	0	0	0	122	32	185	362	18	28	32	
4500 AGRIC ECONOMY FORGN	9	2.4	3.3	0.6	1.8	25	7	0	0	0	33	0	41	174	0	11	5	
4600 FARM COOPERATIVES	7	0.9	0.5	0.1	0.9	6	1	0	0	0	7	5	0	44	2	8	1	
4700 OTH MARKET PROCESS	8	1.1	0.7	0.0	1.1	14	5	0	3	0	22	0	0	42	0	5	1	
4800 MARKETING SYSTEMS	13	3.2	3.5	1.1	3.4	26	4	0	21	0	51	14	6	210	9	20	19	
6100 WEEDS	18	3.8	5.2	2.7	2.5	54	0	0	0	0	54	88	8	285	24	18	3	
6200 SEED RESEARCH	11	2.2	0.9	1.4	0.9	14	0	0	0	0	14	10	65	149	31	1	5	
6300 BIO CELL SYSTEMS	49	16.9	26.4	7.0	11.7	63	29	0	0	0	93	155	1016	1177	19	16	50	
6400 EXP DESIGN/STAT METH	20	7.2	3.3	3.0	6.5	39	0	0	0	0	39	47	0	535	33	2	0	
6500 INVERTEBRATES	115	47.7	78.3	27.2	30.0	267	34	0	0	1	301	104	1432	3397	31	169	98	
6600 MICROORGANISMS,VIRUS	62	23.4	26.2	9.5	12.4	123	24	0	4	0	151	75	1128	1224	16	43	1	
6700 PLANTS	263	72.1	127.0	37.3	53.0	569	203	9	218	0	999	263	1998	5855	111	483	108	
6800 ANIMALS (VERTEBRATES)	110	64.5	95.4	38.0	35.2	127	73	0	38	83	320	88	3310	3505	89	203	392	
6900 RESEARCH ON RSCH NGM	11	3.4	1.5	0.7	0.6	23	3	0	0	0	26	0	30	205	0	4	20	
7000 RSCH EQUIP & TECHNOL	33	10.2	6.1	3.8	5.8	44	8	0	4	0	56	49	181	503	19	239	105	
7990 UNCLASSIFIED	17	5.2	0.6	2.2	1.99	77	12	0	17	0	305	0	98	100	4	2	2	
TOTAL	5682	1902.3	1379.1	6226	2753	25578	29291	8549	7776	1722.6	1192.8	12994	2307	1298	9154	114703	11551	206602

SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT LEADS PROF TECH OTHER	BATH SYS	ECIN SP BPF STEM GT	OTH TOT CR CR	USDA OTHER STATE PROD CGCA FED APPRO	INDUS OTH SALES -TEN -ER	TOTAL
SERIES 100								
101 APPRAISALS OF SOIL RES	58	19.5	17.6	16.1	14.6	101	92	8
102 SOIL PLNT WTR NUTRI	154	43.6	52.8	30.4	25.1	298	150	71
103 MGMT OF SALINE SCIL	38	11.0	16.2	7.8	7.2	78	25	0
104 ALTERN USE OF LAND	55	18.4	16.2	11.7	10.1	128	98	0
105 CONSERV USE OF WATE	103	30.0	23.4	19.7	15.0	219	71	2
106 DRAIN AND IRRIGATIO	47	16.4	12.8	5.7	11.8	95	66	0
107 WATERSHED PROT & MG	72	23.6	18.9	13.6	9.9	78	8	126
108 ECON LEG PROT OF WA	14	3.0	4.8	1.6	1.6	37	12	0
109 WEATHER ADAPT & MOD	46	15.6	15.3	9.2	9.0	102	148	27
110 APPRAIS FORST & BAN	57	11.8	10.1	8.2	6.5	4	7	110
111 BIOL CULT MGMT PCRS	134	47.5	57.1	25.5	27.5	18	2	505
112 IMPROV RANGE RESOR	108	29.8	31.2	25.3	18.6	225	40	78
113 REMOTE SENSING	14	5.2	4.0	2.2	2.2	28	2	15
114 RSCN ON MGMT OF BSC	10	3.2	1.5	0.7	0.5	23	3	0
SUBTOTAL	910	278.4	281.7	177.6	159.5	1457	717	938
						111	5	3228 3026 5039 14747 977 1400 1360 29776
SERIES 200								
201 CNTRL FOREST INSECTS	69	18.2	25.4	6.1	6.4	6	51	138
202 CONTROL FOREST DIS	42	9.6	16.5	4.5	3.6	18	35	161
203 FOREST FIRE PROTECT	4	0.7	0.3	0.5	0.5	4	0	0
204 CNTR PESTS FRT & VE	132	43.3	50.7	29.7	30.7	298	214	0
205 CNTR DISE FRT & VEG	209	65.6	82.1	43.7	68.9	520	219	0
206 CNTR WEEDS FRT & VE	56	13.1	10.1	14.8	10.6	107	79	29
207 CNTR PESTS FLD CBOP	116	36.0	36.5	47.0	22.1	329	76	336
208 CNTR DIS FIELD CBOP	126	35.6	49.4	28.6	37.3	381	59	0
209 CNTR WEEDS FLD CBOP	75	21.0	15.9	14.7	17.6	198	36	0
210 CNTR PESTS ANIMALS	24	3.7	3.3	4.4	1.6	43	6	0
211 CNTR DIS ANIMALS	165	89.9	116.1	76.6	46.6	389	331	0
212 CNTR INTER PARASITE	28	9.1	5.1	10.7	4.3	132	178	0
213 PROT ANMLS FROM TOX	28	6.3	6.4	5.9	5.0	43	1	53
214 PROTECT FROM POLLUT	71	17.8	25.4	10.2	11.1	155	48	0
SUBTOTAL	1145	369.9	443.1	297.4	266.4	2609	1331	300
						1119	933	6291 2054 5173 25675 1209 2815 1842 45058
SERIES 300								
301 GENET BREED FORST T	30	15.2	11.0	10.8	6.0	0	2	197
302 IMP FOREST ENG SYS	13	7.5	5.6	1.8	2.4	7	0	92
303 ECOM TIMBER PRODUCT	15	7.4	6.8	1.5	4.7	3	0	44
304 IMP BIO EFF FRT & V	285	91.6	87.3	74.5	101.4	646	324	0
305 MECH PROD FRT 6 VEG	38	9.4	4.2	4.1	7.8	52	27	0
306 PROD MGMT SYS F & V	25	3.8	2.0	1.5	3.9	23	19	0
307 IMP BIO EFF FLD CRP	311	106.3	96.9	92.9	119.8	939	324	0
308 MECH PROD FIELD CBO	14	3.2	3.2	2.3	2.2	35	1	0
309 PROD MGMT SYS FLC	36	9.3	6.3	7.0	3.1	85	22	0
310 ANIMAL REPRODUCTION	97	31.8	41.3	30.3	44.4	443	563	0
311 IMP BIO EFF ANML PR	207	76.7	73.6	99.0	129.4	1228	427	0
312 ENV STRESS IN ANML	37	11.2	6.7	10.0	20.3	48	147	0
313 PROD MGMT SYS ANML	46	11.4	10.8	7.8	12.5	136	132	0
314 BEES OTH POLLNTG I	25	11.1	11.5	4.6	6.4	130	10	0
315 IMP STRUC FARM SUPP	13	3.2	1.6	2.7	2.7	87	87	0
316 FARM BUSINESS MGMT	22	6.6	3.3	1.9	3.9	80	39	0
317 MECH/STRUCTS ANML P	6	0.6	0.1	0.2	0.6	19	0	0
318 MON-COM BIO TECH/BI	327	137.7	190.6	62.1	89.2	868	84	0
SUBTOTAL	1547	544.1	562.3	414.1	560.7	4825	2124	333
						353	173	7809 1928 8602 41675 5215 3742 2242 71212
SERIES 400								
401 NEW IMP FOREST PROD	68	35.1	32.5	9.7	21.9	9	0	273
402 PROD F & V IMP ACCE	78	16.8	18.4	11.8	21.5	129	56	0
403 NEW & IMP F&V PRCD	62	18.1	15.4	9.6	16.7	151	20	0
404 MKT QLAL FRTS & VEG	59	19.0	29.5	12.8	13.8	279	1	0
405 PROD FLD CBOP IMP A	48	11.9	15.1	14.5	13.4	184	83	0
406 NEW IMP FOOD FLD CR	19	4.2	6.1	6.5	3.7	66	30	0
407 NEW IMP NON-FOOD FC	12	2.9	4.8	1.3	3.8	25	0	0
408 MKT QLAL FIELD CBOP	16	2.5	3.3	2.6	1.4	43	2	0
409 PROD ANML PR IMP AC	27	13.1	5.3	12.7	6.0	139	141	0
410 IMP MEAT MILK EGG P	30	8.8	7.4	5.7	6.5	100	29	0
411 IMP NON-FOOD ANML P	9	2.3	0.1	1.2	1.6	13	0	18
412 MKT QLAL ANIMAL FRO	22	4.9	3.7	3.0	4.2	40	38	2
SUBTOTAL	450	139.6	143.5	91.2	114.6	1178	399	293
						46	0	1917 561 1000 9986 423 1497 294 15679
SERIES 500								
501 IMP GRADES & STANDS	11	4.2	3.5	2.9	5.2	49	15	0
502 HRTG TIMBER PRODUCT	6	2.6	1.3	0.7	0.7	3	0	7
503 HRTG EFF AGRI PRCD	37	8.2	8.3	1.7	4.3	112	88	0
504 SPLY DEMAND AND PRI	37	11.5	10.0	5.2	7.1	150	110	0
507 COMP REL IM AGRIC	10	2.0	1.8	0.7	1.1	30	23	0
508 DOMESTIC MKT DEVELOP	11	2.4	4.8	0.4	2.8	28	2	0
509 PERFORMANCE HRTG SY	24	4.9	4.3	2.7	3.8	85	30	0
510 GROUP ACT MKT POWER	5	1.3	0.7	0.1	1.3	11	0	0
511 IMP AGRIC STATISTIC	6	8.4	2.1	0.8	3.3	18	0	0
512 IMP GRADES FRST PRO	9	2.3	1.6	0.9	1.9	2	0	6
513 PRICE ANAL FRST FRO	10	3.5	1.8	1.6	0.9	18	0	29
SUBTOTAL	166	47.1	33.3	17.5	32.3	503	270	41
						90	0	903 176 378 2027 66 197 152 3900
SERIES 600								
601 FGW MKT DEVELOP	13	4.3	4.0	0.9	3.0	70	19	0
602 EVAL FGW FOOD AID P	1	0.4	0.0	0.0	0.1	0	0	0
603 TECH AID DEV CBTY	19	5.8	3.3	2.4	2.1	11	0	2
604 PBD DVLPMT/HRTG PRG	4	0.2	0.1	0.2	0.2	3	2	0
SUBTOTAL	37	10.7	7.4	3.5	5.3	84	21	2
						20	0	127 15 189 552 6 12 112 1013
SERIES 700								
701 TOX RES IN FOOD	71	19.6	39.4	13.6	13.7	103	115	0
702 FOOD PROT FROM TOX	42	15.8	13.2	10.9	9.3	98	121	0
703 FOOD CONSUMP HABITS	33	11.6	9.6	1.8	10.3	80	105	0
704 HOME CORN FOOD SERV	7	1.3	0.0	0.5	0.5	21	1	0
705 SEL CARE CLOTH & TE	13	3.3	3.3	1.0	0.2	16	13	0
706 COMTE INSECTS AFF M	38	12.9	25.2	9.2	10.6	53	45	8
707 TRAMS ANHRL MAN DI	2	1.0	0.9	1.1	0.0	1	0	0
708 HUMAN NUTRITION	72	30.6	55.4	27.0	25.9	226	129	0
709 REDUCE HAZ HLTH & S	12	3.5	2.5	1.5	2.7	9	2	0
SUBTOTAL	290	99.5	149.4	66.6	73.3	608	532	8
						712	0	1859 290 3805 5754 137 417 309 12571

SAES REGION & WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY		PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS																			
CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS			RCIN SP OTH TOT												USDA OTHER STATE PROD INDUS OTH				
		SYN	PROF	TECH	BATH	BBP	STEM	GT	CR	CR	CGCA	FED	APPRO	SALES	-TRY	-ER	TOTAL				
SERIES 800																					
801 RURAL HOUSING	10	1.6	1.1	0.3	2.6	34	0	0	0	0	34	1	14	79	5	16	1	150			
802 INDIV & FAM DEC HAK	47	7.0	7.9	2.1	6.0	47	89	12	15	0	163	4	50	358	17	9	0	601			
803 RURAL POVERTY	9	1.4	0.4	0.9	0.7	14	0	0	11	0	25	0	0	61	0	0	0	86			
804 ECON POTENT RURL PE	23	4.9	1.9	0.7	1.5	26	38	0	0	34	98	2	43	188	8	2	23	360			
805 COMMUNICAT RURAL PE	28	4.4	4.3	1.2	1.8	35	11	1	0	2	49	0	1	218	9	31	123	431			
806 ADJUSTMENT TO CHANG	42	8.6	7.2	1.8	4.9	90	96	0	11	4	201	9	64	365	18	18	20	692			
807 AGRIC ECONOMIC CHAN	29	9.4	6.1	2.1	5.5	96	70	0	0	0	166	18	21	445	18	25	59	752			
808 GOVT PROGRAMS	11	1.8	3.3	0.6	1.6	24	16	0	0	0	40	13	8	133	2	18	0	213			
SUBTOTAL	199	39.1	32.2	9.7	24.6	367	321	13	37	39	777	48	201	1845	73	115	226	3285			
SERIES 900																					
901 ALLEV POLLUTION	144	50.8	77.0	35.1	30.5	301	292	26	178	0	797	339	1734	3280	241	690	370	7452			
902 OUTDOOR RECREATION	52	15.3	13.8	4.9	9.4	56	67	96	0	0	220	75	398	716	11	10	28	1456			
903 MULTI-USE-FOREST PO	29	5.6	8.9	1.2	2.3	9	5	92	0	0	106	83	1	254	4	0	9	458			
904 WDLIFE AND FISH ECO	170	48.8	88.0	39.8	41.3	174	10	109	47	49	388	408	2115	2927	71	355	582	6845			
905 TREES BEAUTIFICATIO	30	11.6	11.2	4.6	5.9	42	0	43	0	0	86	80	209	661	7	47	42	1131			
906 ORNAMENT & TURF DEV	139	41.2	35.0	21.5	40.8	394	10	1	5	0	409	36	73	3573	83	225	99	4497			
907 RURAL INCOME IMP	35	7.3	9.7	2.1	4.5	77	7	0	22	56	162	32	15	374	13	18	32	644			
908 RURAL INSTITUT IMP	52	12.7	9.3	5.2	5.8	112	40	0	15	27	194	5	263	557	10	10	74	1112			
990 UNCLASSIFIED	17	5.2	0.6	0.6	2.2	199	77	12	0	17	305	0	98	100	4	2	2	512			
SUBTOTAL	668	194.2	249.4	115.1	142.3	1365	509	379	266	149	2667	1057	4905	12441	444	1356	1238	24108			
SCIENCE IN SERV OF MAN	5412	1902.3	1379.1	6226	2753						25578	29291		8549			7776				
GRAND TOTAL		1722.6	1192.8	12994	2307	1298					9154	114703	11551				206602				

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
NATIONAL TOTAL SAES

TABLE IV-B-0 SUMMARY BY COMMODITY

OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF										TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL	
			PROF	TECH	SUPPORT	YEARS	NCIN	SP	OTH	TOT	CR	CGCA	FED								
0100 SOIL AND LAND	1104	334.6	388.6	318.5	245.7	3781	1312	234	195	27	5548	1775	3776	20487	1500	3184	2706	38977			
0200 WATER	692	169.9	224.1	152.0	141.6	1848	564	113	24	22	2572	1041	3410	10421	622	1039	1174	20280			
0300 WATERSHEDS RIVER BAS	123	30.3	34.8	28.3	29.3	196	117	205	6	0	523	296	892	1847	40	75	188	3861			
0400 AIR AND CLIMATE	140	36.1	38.9	21.2	32.2	315	292	17	4	0	629	94	1212	2233	173	88	97	4525			
0500 RECERATION RESOURCES	132	40.3	41.5	18.3	24.2	250	180	259	0	2	690	373	391	1714	51	55	248	3522			
0600 TIMBER FOREST PRODUCT	971	353.6	360.4	296.6	268.4	1204	6965915	115	24	7954	3285	3051	19054	811	2487	1537	38179				
0700 RANGE	268	76.7	65.1	89.3	65.2	773	113	77	376	0	1339	536	811	4340	618	363	166	8173			
0800 WILDLIFE AND FISH	595	166.2	214.5	179.5	154.8	1230	288	397	73	77	2064	653	10063	650	2153	2490	22305				
0900 CITRUS SUB TROP FRUT	288	125.7	79.9	113.1	180.6	979	159	0	12	0	1150	348	397	10908	225	448	170	13646			
1000 FRUIT NUTS DECIDUOUS	1010	351.7	265.8	372.2	325.5	4398	1358	0	228	0	5984	480	998	26526	1651	1967	970	38571			
1100 POTATOES	297	79.4	76.0	83.2	59.1	1096	446	0	85	0	1626	298	271	5264	409	919	402	9189			
1200 VEGETABLES	1316	419.3	324.7	397.9	520.5	5687	1382	0	497	0	7566	672	1126	30562	1427	2260	1011	44623			
1300 ORNAMENTALS TURF	603	224.3	134.5	214.8	221.5	2882	392	1	5	23	3303	169	482	15623	499	1116	497	21696			
1400 CORN	898	200.2	251.1	213.7	197.1	3488	909	0	226	0	4619	985	1636	13263	1399	2144	587	24639			
1500 GRAIN SORGHUM	315	64.8	65.0	67.1	67.2	670	116	0	3	0	789	148	441	4078	588	596	192	6831			
1600 RICE	126	41.5	28.9	23.3	47.8	420	35	0	15	0	469	62	101	3252	220	401	46	4550			
1700 WHEAT	653	151.0	154.3	154.0	125.6	2048	418	0	361	0	2827	729	643	9725	1071	1883	666	17505			
1800 OTHER SMALL GRAINS	406	78.7	80.3	88.4	77.6	1195	143	0	46	0	1385	226	250	5409	457	1014	341	9081			
1900 PASTURE	162	32.8	12.3	38.1	62.4	510	65	0	9	0	584	33	47	2661	378	122	83	3909			
2000 FORAGE CROPS	906	255.2	199.8	282.3	313.1	4110	1349	1	217	0	5677	988	952	18238	2119	1296	665	29934			
2100 COTTON	365	124.6	85.6	96.0	152.6	1411	651	0	56	0	2118	578	650	8864	723	1694	343	18970			
2200 COTTONSEED	20	3.6	1.0	3.0	1.7	38	17	0	0	0	54	0	27	175	4	96	3	360			
2300 SOYBRANS	846	223.2	256.8	212.2	239.7	3357	1085	0	748	0	5226	486	727	15118	1263	2462	1048	26329			
2400 PEANUTS	153	38.7	26.7	63.0	60.9	441	51	0	48	0	539	58	201	3142	192	251	391	4773			
2500 OTHER OILSEED CROPS	120	28.4	25.0	19.9	26.0	260	43	0	17	2	321	174	362	1909	102	284	191	3343			
2600 TOBACCO	163	62.1	48.1	97.4	82.9	827	23	0	71	0	922	40	65	5510	237	166	322	7261			
2700 SUGAR CROPS	164	49.4	18.3	41.2	129.6	898	48	0	25	0	971	24	190	3369	342	461	72	5431			
2800 MISC NEW CROPS	139	28.6	16.2	24.4	47.7	355	200	0	28	0	583	71	327	1973	165	309	151	3579			
2900 POULTRY	747	254.3	205.1	357.5	297.5	4948	1735	0	297	449	7429	371	1045	18373	1654	1185	794	30851			
3000 BEEF CATTLE	1370	434.2	394.1	668.1	735.5	7234	3251	0	974	1670	13129	1621	306	3644016136	2647	914	73893				
3100 DAIRY CATTLE	1145	316.0	310.4	362.1	504.5	6418	2248	0	663	1365	10693	758	1617	27124	6324	2694	982	50791			
3200 SWINE	607	165.5	156.4	209.5	271.7	3090	928	0	393	898	5309	305	1476	13915	4806	1550	546	27907			
3300 SHEEP AND WOOL	88	17.4	18.6	11.0	24.4	199	71	0	5	61	336	13	198	1475	425	83	17	2547			
3300 SHEEP AND WOOL	262	56.2	44.4	76.9	59.0	881	357	0	73	212	1523	198	342	4628	761	238	257	7947			
3400 OTHER ANIMALS	404	91.8	93.8	98.9	89.2	1223	110	0	124	273	1729	209	1776	5621	500	778	290	10903			
3500 BEES AND HONEY	47	19.3	17.6	8.3	8.2	222	10	0	0	0	232	94	78	935	38	205	30	1612			
3600 FARM SUPP & FACILITS	96	24.4	18.3	20.6	20.9	408	19	0	26	0	453	106	394	1681	357	167	129	3288			
3700 CLOTHING & TEXTILES	64	17.3	15.7	3.0	6.6	279	79	0	0	0	358	0	82	845	36	6	5	1333			
3800 FOOD	480	151.8	177.4	123.6	132.0	2383	1098	0	600	0	4081	621	2710	8530	435	1217	678	18273			
3900 HOUSING & EQUIP	213	50.4	50.6	33.1	51.5	550	127	27	18	16	738	445	617	3456	121	141	307	5825			
4000 PEOPLE AS INDIVIDUAL	631	169.6	185.9	112.6	106.6	1923	763	10	139	114	2949	358	3102	8340	300	625	860	16535			
4100 FAMILY MEMBERS	219	64.4	73.1	23.5	42.3	638	410	0	15	23	1085	7	356	2689	281	186	626	5230			
4200 FARM AS BUSINESS	204	64.5	55.3	18.5	65.3	1225	198	0	0	0	1424	292	202	2866	116	57	81	5037			
4300 SOC POLIT ORGANIZ	397	110.0	123.6	32.7	85.7	1815	566	8	225	464	3077	404	601	4511	204	374	729	9901			
4400 AGRIC ECONOMY U S	109	30.5	33.3	8.0	34.8	518	105	0	54	0	678	253	200	1633	59	145	46	3013			
4500 AGRIC ECONOMY FORGN	30	9.4	22.8	2.7	8.9	78	7	0	0	0	85	216	43	402	7	17	26	796			
4600 FARM COOPERATIVES	36	6.2	8.6	3.2	5.8	111	21	0	0	0	131	88	0	298	7	16	6	545			
4700 OTH MARKET PROCESS	41	7.4	8.6	4.9	7.6	125	44	0	3	0	173	68	7	356	13	16	37	671			
4800 MARKETING SYSTEMS	97	29.3	17.4	16.7	25.0	450	227	0	72	0	749	258	74	1260	61	54	67	2523			
6100 WEEDS	55	12.7	16.2	16.4	12.9	179	15	0	1	0	195	134	79	784	66	80	53	1391			
6200 SEED RESEARCH	36	10.0	8.9	15.9	12.4	89	17	0	0	0	105	10	147	647	399	20	27	1355			
6300 BIO CELL SYSTEMS	223	80.8	123.9	69.4	47.8	849	55	0	0	0	905	299	4422	4482	153	256	275	10791			
6400 EXP DESIGN/STAT METH	73	25.7	18.3	12.7	17.8	125	6	0	0	0	131	689	114	1914	95	23	37	3001			
6500 INVERTEBRATES	267	103.1	122.3	67.2	50.0	958	73	0	6	1	1038	195	2469	6283	156	346	323	10810			
6600 MICROORGANISMS, VIRUS	255	91.1	102.3	68.0	46.8	941	101	0	80	0	1123	260	4276	4698	110	708	343	11517			
6700 PLANTS	754	229.2	261.5	199.2	211.7	2522	609	0	2061	0	5392	659	3375	15719	1613	1777	1872	30408			
6800 ANIMALS(VERTEBRATES)	423	142.8	178.6	131.7	86.2	1096	290	0	270	221	1877	198	5942	8193	819	652	698	18379			
6900 RESEARCH ON RSCN EGM	33	12.6	10.0	2.6	5.0	70	48	0	0	0	118	79	55	789	4	63	176	1279			
70																					

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
NATIONAL TOTAL SALES

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS PROF TECH OTHER	BATH REP	NCIN SP STEM GT	OTH TOT CR CR	USDA OTHER CGCA FED	STATE APPRO PROD SALES	INDUS TRY -TRY -ER	OTH TOTAL
SERIES 100									
101 APPRAISALS OF SOIL RES	213	72.4	81.7	71.1	48.1	724	195	32	0
102 SOIL PLNT WTR NUTRI	565	163.5	160.8	179.6	136.0	1979	484	212	66
103 HGHT OF SALINE SCRL	60	16.3	19.0	13.1	14.6	125	25	0	9
104 ALTERN USE OF LAND	173	52.5	56.8	26.4	34.2	605	253	14	4
105 CONSERV USE OF WATE	273	65.4	79.6	51.1	59.3	647	160	56	12
106 DRAIN AND IRRIGATIO	127	36.7	29.0	26.6	33.1	344	107	5	2
107 WATERSHED PROT & BG	149	44.9	52.8	49.3	43.2	329	127	258	98
108 ECON LEG PROB OF WA	40	15.7	28.1	6.5	9.3	156	12	0	4
109 WEATHER ADAPT & MOD	135	35.4	34.9	23.8	35.1	319	339	22	5
110 APPRAIS FOREST & FAN	110	27.6	25.9	17.0	15.1	130	16	299	0
111 BIOL CULT HGHT FORS	271	87.7	89.9	71.1	75.3	154	511868	0	4
112 IMPROV RANGE RESCR	169	48.9	43.9	47.3	49.4	480	82	43	48
113 REMOTE SENSING	41	12.2	14.8	11.6	8.5	67	9	74	0
114 RSCH ON HGHT OF BSC	31	12.4	7.5	2.1	4.2	70	44	0	0
SUBTOTAL	2357	691.6	724.3	596.5	565.5	6128	19042884	244	54
SERIES 200							11213	4520	8162
201 CTRL FOREST INSECTS	161	42.3	54.0	34.9	29.6	174	164	506	92
202 CONTROL FOREST DIS	115	38.7	33.8	23.6	20.3	189	123	439	1
203 FOREST FIRE PROTECT	7	1.7	0.4	1.2	0.5	4	0	5	0
204 CTR PESTS FRT & VE	420	133.7	120.7	130.4	120.4	1492	392	0	215
205 CTR DISE FRT & VEG	689	210.8	176.1	204.6	254.1	2664	625	0	199
206 CTR WEEDS FRT & VE	171	44.6	31.8	45.9	43.1	603	127	0	57
207 CTR PESTS FLD CROP	540	171.7	173.0	190.5	168.8	2715	775	0	407
208 CTR DIS FIELD CROP	699	218.3	252.8	213.9	203.6	3493	773	0	452
209 CTR WEEDS FLD CROP	329	98.5	101.1	90.9	117.3	1475	248	0	109
210 CTR PESTS ANIMALS	135	38.3	23.0	27.7	23.7	535	57	0	133
211 CTR DIS ANIMALS	233	72.8	67.8	73.2	45.2	714	435	0	289
211 CTR DIS ANIMALS	571	222.7	187.7	290.4	147.4	2058	944	0	1212
212 CTR INTER PARASITE	117	36.4	17.9	43.7	35.7	452	202	0	247
213 PROT ANMLS FROM TOX	124	30.1	25.6	33.7	22.5	249	118	0	109
214 PROTECT FRN POLIUT	232	48.8	52.6	43.7	38.6	508	177	76	330
SUBTOTAL	4543	1393.5	1318.4	1448.2	1270.817325	51601026	3853	4555	31918
SERIES 300							6396	9939	92319
301 GENET BREED FOREST T	94	29.7	35.8	52.0	34.1	110	165	839	0
302 IMP FOREST ENG SYS	26	11.4	7.9	9.5	5.3	49	1	155	0
303 ECON TIMBER PRODUCT	38	13.3	12.5	9.0	7.0	6	0	240	0
304 IMP BIO EFF FRT & V	994	330.7	229.0	358.5	448.4	3939	870	0	128
305 HCHC PROD FRT & VEG	139	38.6	17.5	37.6	28.7	606	130	0	4
306 PROD HGHT SIS F & V	95	22.2	9.6	22.5	22.3	208	35	0	27
307 IMP BIO EFF FLD CROP	1551	626.9	500.9	727.3	874.4	8084	1910	0	801
308 HCHC PROD FIELD CROP	109	33.0	28.3	33.3	35.1	515	76	0	28
309 PROD HGHT SIS FLD C	267	67.5	51.8	60.8	70.2	1073	235	0	85
310 ANIMAL REPRODUCTION	481	172.6	196.7	230.6	302.1	3306	1849	0	144
311 IMP BIO EFF ANML PR	1243	459.5	441.4	816.8	967.0	9775	2834	0	221
312 ENV STRESS IN ANML	192	49.9	40.3	50.8	85.6	862	400	0	6
313 PROD HGHT SYS ANML	287	67.5	54.6	60.3	140.2	1250	396	0	32
314 BEES OTH POLLINNG I	47	19.3	17.6	8.3	8.2	222	10	0	0
315 IMP STRC PARM SUPP	125	36.9	28.0	36.0	34.3	585	6	0	597
316 FARM BUSINESS HGHT	148	49.9	42.6	14.3	54.6	981	124	0	0
317 HCHC/STRUCTS ANML P	79	19.6	13.2	15.2	16.9	313	40	0	10
318 NON-COM BIO TECH/BI	1039	433.3	502.7	331.4	255.7	4262	311	2	192
SUBTOTAL	6954	2477.9	2230.5	2874.1	3390	236146	8993	1235	1684
SERIES 400							48621	6163275961937363793218543	8318
401 NEW IMP FOREST PROD	119	60.6	64.8	43.9	53.6	166	8	950	2
402 PROD F & V IMP ACCE	263	58.8	44.4	53.7	65.5	679	160	0	0
403 NEW & IMP F&V PROD	189	60.7	48.6	45.5	60.6	889	145	0	50
404 HKT QUAL FRTS & VEG	179	51.4	54.8	53.2	32.9	840	447	0	45
405 PROD FLD CROP IRF A	256	68.6	72.5	77.7	77.4	1024	340	0	44
406 NEW IMP FOOD FLD CR	133	35.4	50.8	39.1	31.8	645	119	0	27
407 NEW IMP NON-FOOD FC	68	18.3	19.9	10.0	25.7	282	20	0	10
408 HKT QUAL FIELD CROP	102	20.2	17.6	14.2	12.6	341	91	0	34
409 PROD ANML PR IMP AC	151	42.5	41.3	50.9	62.6	1129	363	0	23
410 IMP HEAT MILK EGG P	264	82.1	98.5	77.2	70.3	1718	292	0	6
411 IMP NON-FOOD ANML P	22	4.6	2.2	3.0	2.6	27	20	0	2
412 HKT QUAL ANIMAL PRO	116	27.0	22.9	26.2	22.8	577	90	0	57
SUBTOTAL	1862	530.1	538.3	494.5	518.3	8317	2095	950	307
SERIES 500							11672	1484	2574
501 IMP GRADES & STANDS	63	18.5	15.6	15.2	26.4	292	80	0	7
502 HKTG TIMBER PRODUCT	23	4.9	2.5	4.2	3.1	29	40	39	9
503 HKTG EFF AGRI PRODS	207	51.8	43.8	18.5	45.4	872	617	0	157
506 SPLY DEMAND AND PRI	161	47.8	44.5	18.1	68.4	766	656	0	0
507 COMP REL IR AGRIC	65	13.6	10.6	3.8	8.6	211	148	0	60
508 DOMESTIC HKT DEVELOP	44	13.5	8.0	2.4	9.4	113	58	0	6
509 PERFORMANCE HKT SY	146	46.8	29.7	23.1	35.8	655	453	0	106
510 GROUP ACT HKT POWER	30	5.5	7.1	1.1	4.6	100	19	0	14
511 IMP AGRIC STATISTIC	36	10.1	9.4	2.6	6.8	52	10	0	0
512 IMP GRADES FEST PRO	13	3.1	2.1	1.3	1.8	3	2	34	0
513 PRICE ANAL FEST PRO	15	3.1	2.7	1.0	1.3	22	0	22	0
SUBTOTAL	803	218.7	175.9	90.9	211.5	3114	2084	96	359
SERIES 600							15	5668	1717
601 FGW HKT DEVELOP	51	13.1	14.8	4.6	10.6	272	114	0	20
602 EVAL FGW FOOD AID P	4	0.7	0.4	0.0	0.3	4	0	0	0
603 TECH AID DEV CTRY	60	22.1	51.4	6.7	20.6	40	5	0	34
604 PBD DVLPMT/HKTG PRG	9	0.4	0.1	1.6	0.4	6	2	0	7
SUBTOTAL	124	36.4	66.8	12.9	31.8	323	121	0	55

NATIONAL TOTAL SALES

CLASSIFICATION CATEGORY		PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS																									
NO. OF PROJ.	SYS	STAFF			SUPPORT			MCIN		SP		OTR		TOT		USDA		OTHER		STATE		PROD		INDUS		OTH	
		PROF	TECH	OTHER	BATH	BRF	STEN	GT	CR	CR	CR	CR	CR	FED	CGCA	FED	APPRO	SALES	-TRY	-ER	TOTAL						
SERIES 700																											
701 TOX RES IN FOOD	209	59.0	79.6	56.7	47.9	503	647	0	2249	18	3417	81	1179	3285	136	319	109	8606									
702 FOOD PROT FROM TOX	204	58.0	57.0	59.2	39.7	916	426	0	40	17	1400	54	1393	3574	209	730	282	7642									
703 FOOD CONSUM HABITS	128	32.4	29.3	20.2	21.9	409	277	0	2	0	687	197	479	1411	80	70	107	3030									
704 HOME COMM FOOD SERV	41	10.6	13.9	7.2	8.3	176	90	0	3	0	268	9	93	517	65	40	26	1019									
705 SEL CARE CLOTH & TE	56	14.9	13.8	2.7	5.5	197	75	0	0	0	271	0	82	750	36	5	5	1149									
706 CONTR INSECTS APP N	127	39.8	47.1	29.1	20.8	435	127	8	6	0	576	83	301	2537	67	212	228	4002									
707 TRANS ANIML HAB DI	25	8.7	9.1	12.0	1.9	65	11	0	0	0	76	30	541	361	13	44	51	1117									
708 HUMAN NUTRITION	326	102.9	147.2	107.1	71.2	1487	567	0	100	0	2154	399	3899	5261	267	539	409	12528									
709 REDUCE HAZ HLTH & S	61	13.1	9.9	9.6	9.7	217	10	0	0	0	227	110	199	776	20	199	57	1589									
SUBTOTAL	1173	339.3	406.8	303.8	227.0	4405	2231	8	2399	35	9077	963	7764	18472	893	2158	1355	40682									
SERIES 800																											
801 RURAL HOUSING	54	10.5	12.5	4.9	11.0	114	84	0	0	15	213	7	247	591	21	22	7	1107									
802 INDIV & FAM DEC MAK	173	47.1	51.4	19.6	31.6	418	265	0	15	1	658	9	168	1962	248	198	546	3830									
803 RURAL POVERTY	25	5.3	6.7	1.8	6.3	97	30	0	11	30	167	5	1	225	8	0	0	406									
804 ECON POTENTY RUBL PE	86	24.9	22.7	8.0	15.7	292	139	0	0	82	513	21	169	903	32	15	191	1845									
805 COMMUNICAT RURAL PE	126	36.4	31.2	10.4	24.0	304	45	10	0	46	404	25	89	2357	39	75	360	3350									
806 ADJUSTMENT TO CHANG	158	47.2	38.7	12.0	25.8	600	348	0	11	5	964	36	131	1728	68	44	174	3146									
807 AGRIC ECONOMIC CHAN	136	38.0	37.3	10.8	40.0	638	185	0	54	0	878	144	110	1993	86	167	113	3490									
808 GOV'T PROGRAMS	44	8.2	10.0	2.6	9.0	131	35	0	0	0	166	58	42	458	2	24	13	760									
SUBTOTAL	802	217.5	210.5	70.1	163.1	2593	1130	10	91	179	4004	302	958	10216	504	546	1404	17933									
SERIES 900																											
901 ALLEV POLLUTION	586	176.7	231.1	165.1	129.6	2038	1126	92	318	2	3576	407	3846	11411	530	1970	1286	23025									
902 OUTDOOR RECREATION	124	40.3	37.7	17.8	24.0	239	182	237	0	2	659	337	457	1674	51	80	248	3506									
903 MULTI-USE-FOREST PO	66	15.6	17.7	8.4	7.7	26	6	259	0	0	291	148	50	651	27	51	173	1390									
904 WDLIFE AND FISH ECO	504	136.1	188.5	159.9	137.0	1019	261	348	73	77	1777	581	3298	8618	600	1903	2272	19008									
905 TREES BEAUTIFICATIO	97	26.2	22.1	16.3	16.8	195	106	130	0	0	432	53	353	1886	80	87	102	2553									
906 ORNAMENT & TURF DEV	587	219.0	126.9	209.6	217.3	2855	388	1	5	23	3271	162	196	15286	498	1075	482	20970									
907 RURAL INCOME IMP	149	32.4	36.0	9.3	27.6	618	177	0	101	164	1060	186	81	1297	59	68	58	2769									
908 RURAL INSTITUT IMP	229	61.5	70.7	21.4	48.2	1005	308	8	139	272	1732	153	394	2646	133	228	494	5781									
990 UNCLASSIFIED	56	13.7	4.5	0.6	7.4	802	364	58	0	163	1307	393	603	1116	604	157	3	4264									
SUBTOTAL	2398	721.6	735.2	608.4	615.6	8797	29181133	635	702	14185	2341	9278	44185	2582	5619	5118	83267										
SCIENCE IN SERV OF MAN	21016	6406.6	6994.0	26636	9627	136856	67420	55228	28196																		
GRAND TOTAL		6626.6	6499.4	87148	7340	6105	24361	846946	45826									808033									

FORESTRY SCHOOL TOTAL

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH			
			PROF	TECH	OTHER	HATH	BRP	STEW	GT	CR	CR	CGCA	FED	APPRO	SALE	-TRY	-ER	TOTAL
0100 SOIL AND LAND	51	15.3	14.7	9.9	3.3	0	0	105	0	0	105	186	385	444	0	116	177	1374
0200 WATER	14	5.9	4.9	1.2	2.2	0	0	29	0	0	29	43	100	145	0	40	79	436
0300 WATERSHEDS RIVER BAS	21	5.0	6.1	1.7	2.3	0	0	65	0	0	65	69	25	289	0	15	40	501
0400 AIR AND CLIMATE	2	1.8	3.5	0.0	1.2	0	0	18	0	0	18	100	0	30	0	0	0	147
0500 RECREATION RESOURCES	36	7.9	8.4	2.1	3.7	0	0	142	0	0	142	82	228	243	6	0	57	759
0600 TIMBER FOREST PRODUCT	462	175.0	157.6	97.0	67.1	0	0	1675	0	0	1675	2248	1469	6816	708	2033	1114	16063
0700 RANGE	16	3.8	4.4	0.8	0.3	0	0	45	0	0	45	92	112	146	0	0	1	396
0800 WILDLIFE AND FISH	87	19.1	29.5	21.6	3.5	0	0	194	0	0	194	260	849	660	0	43	326	2331
1000 FRUIT NUTS DECIDUOUS	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	1	0	1
1200 VEGETABLES	1	0.3	0.3	0.3	0.0	0	0	0	0	0	0	0	22	8	0	0	0	30
1300 ORNAMENTALS TURF	4	0.3	0.4	0.2	0.0	0	0	4	0	0	4	0	0	3	0	1	7	15
2000 FORAGE CROPS	1	0.1	0.5	0.1	0.0	0	0	0	0	0	0	0	2	0	6	0	0	8
2300 SOYBEANS	2	0.2	1.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0	38
3200 SWINE	2	0.3	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	7
3400 OTHER ANIMALS	1	0.2	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0	14
3600 FARM SUPP & FACILITS	1	0.3	0.0	0.0	0.0	0	0	8	0	0	8	0	0	12	0	0	0	20
3900 HOUSING & EQUIP	4	1.4	0.6	0.4	0.4	0	0	0	0	0	0	5	21	30	0	13	26	98
4000 PEOPLE AS INDIVIDUAL	4	0.7	0.5	0.0	0.1	0	0	13	0	0	13	19	115	174	0	21	232	573
4300 SOC POLIS ORGANIZ	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	1	1	0	0	0	0	1
4500 AGRIC ECONOMY FORGN	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
6300 BIO CELL SYSTEMS	4	4.1	2.6	2.1	0.0	0	0	0	3	0	3	0	157	60	0	0	0	219
6500 INVERTEBRATES	3	0.8	1.0	0.2	0.0	0	0	0	0	0	0	0	4	12	0	0	0	38
6600 MICROORGANISMS, VIRUS	5	1.5	2.4	0.5	0.0	0	0	0	0	0	0	77	20	0	0	0	0	98
6700 PLANTS	9	1.9	0.8	0.6	0.0	0	0	9	0	0	9	0	63	27	0	0	0	99
6800 ANIMALS(VERTEBRATES)	3	1.1	2.7	0.2	0.0	0	0	0	0	0	0	0	59	23	0	0	0	62
6900 RESEARCH OR RSCN RGM	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	12	62	139	0	9	93	316
7000 RSCN EQUIP & TECHNOL	10	5.4	3.5	1.4	0.6	0	0	14	3	0	17	9	173	131	0	8	0	338
9900 UNCLASSIFIED	5	0.4	0.0	0.1	0.0	0	0	40	0	0	40	7	37	0	0	0	0	84
TOTAL	752	245.2	252.2	84.7	140.1	0	2362	42	0	2404	3091	3959	9436	715	2306	2173	24084	

FORESTRY SCHOOL TOTAL

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	APPRO	SALES	TRY	-ER	TOTAL		
SERIES 100																			
101 APPRAIS OF SOIL RES	10	4.8	3.2	3.1	1.2	0	0	25	0	0	25	31	95	129	0	70	62	411	
102 SOIL PLNT WTR NUTRI	34	8.0	9.3	4.6	2.0	0	0	114	0	0	114	83	212	265	0	53	56	782	
104 ALTERN USE OF LAND	13	2.0	3.1	1.4	0.2	0	0	12	0	0	12	29	0	120	0	4	42	207	
105 CONSERV USE OF WATE	5	3.9	0.9	1.1	0	0	0	0	0	0	0	11	95	91	0	22	50	268	
107 WATERSHED PROT & MG	29	9.6	8.7	3.6	3.6	0	0	66	0	0	66	134	218	358	0	31	81	884	
109 WEATHER ADAPT & MOD	5	2.9	2.5	0.9	1.4	0	0	20	0	0	20	38	83	52	0	0	0	192	
110 APPRAIS FOREST & RAN	40	5.0	7.0	3.9	0.6	0	0	112	0	0	112	83	8	253	5	14	26	500	
111 BIOL CULT MGMT FCRS	189	52.8	57.2	35.5	30.7	0	0	634	0	0	634	784	482	2150	646	243	356	5295	
112 IMPROV RANGE RESOB	12	3.3	3.9	0.5	0.2	0	0	45	0	0	45	63	112	126	0	0	1	347	
113 REMOTE SENSING	12	1.8	2.1	0.7	0.1	0	0	27	0	0	27	83	0	68	0	3	2	181	
114 RSCH ON MGMT OF RSC	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	12	62	139	0	9	93	316	
SUBTOTAL	350	94.1	97.9	55.0	41.1	0	0	1055	0	0	1055	1351	1362	3750	651	449	768	9384	
SERIES 200																			
201 CTLR FOREST INSECTS	52	14.1	17.0	10.0	1.2	0	0	108	0	0	108	324	267	564	0	35	43	1340	
202 CONTROL FOREST DIS	41	7.9	11.2	4.4	1.8	0	0	153	0	0	153	78	26	320	38	11	53	678	
203 FOREST FIRE PROTECT	4	0.4	0.2	0.3	0.2	0	0	0	0	0	0	20	1	21	0	1	2	46	
206 CTRN WEEDS FRT & VE	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	1	0	1	
210 COMTR PESTS ANIMALS	2	0.3	2.2	0.0	0.0	0	0	0	0	0	0	0	20	19	0	0	0	39	
214 PROTECT FROM POLLUT	8	1.5	1.3	1.7	0.1	0	0	5	0	0	5	8	40	61	0	29	0	143	
SUBTOTAL	108	24.2	31.9	16.3	3.2	0	0	266	0	0	266	429	355	985	38	76	98	2247	
SERIES 300																			
301 GENET BREED FOREST T	36	13.7	9.7	5.8	4.3	0	0	143	0	0	143	289	50	47%	0	49	165	1170	
302 IMP FOREST ENG SYS	11	5.8	4.1	0.5	1.7	0	0	105	0	0	105	84	20	174	5	29	26	443	
303 ECON TIMBER PRODUCT	15	7.2	5.1	1.4	3.2	0	0	29	0	0	29	98	45	240	0	34	73	519	
304 IMP BIO EFF FRT & V	1	0.3	0.3	0.3	0.0	0	0	0	0	0	0	0	22	8	0	0	0	30	
307 IMP BIO EFF FLD CRP	2	0.2	1.0	0.0	0.0	0	0	37	0	0	37	0	0	1	0	0	0	38	
310 ANIMAL REPRODUCTION	1	0.3	0.0	0.0	0.0	0	0	0	0	0	0	0	0	7	0	0	0	7	
311 IMP BIO EFF ANML PR	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
315 IMP STBUC FARM SUPP	1	0.3	0.0	0.0	0.0	0	0	8	0	0	8	0	0	12	0	0	0	20	
318 HOM-COM BIO TECH/BI	21	13.0	8.4	4.3	0.0	0	0	5	0	0	5	5	0	482	182	0	0	23	693
SUBTOTAL	89	40.6	28.5	12.3	9.1	0	0	284	42	0	327	470	620	1098	5	112	287	2919	
SERIES 400																			
401 NEW IMP FOREST PROD	62	41.5	28.9	25.9	17.6	0	0	225	0	0	225	138	89	1934	15	1481	50	3932	
411 IMP NON-FOOD ANML P	1	0.3	0.0	0.0	0.0	0	0	18	0	0	18	0	0	0	0	0	0	18	
412 HKT QUAL ANIMAL FRO	1	0.2	0.2	0.0	0.0	0	0	2	0	0	2	0	0	0	0	0	0	2	
SUBTOTAL	64	42.0	29.1	25.9	17.6	0	0	246	0	0	246	138	89	1934	15	1481	50	3953	
SERIES 500																			
502 MKTG TIMBER PRODUCT	8	2.8	1.0	0.9	0.6	0	0	19	0	0	19	11	36	68	0	25	29	188	
512 IMP GRADES FEST PRO	4	1.3	0.6	0.2	0.4	0	0	0	0	0	0	4	16	53	0	17	3	94	
513 PRICE ANAL FEST FRO	10	3.1	1.8	0.6	0.5	0	0	35	0	0	35	14	36	82	0	25	45	238	
SUBTOTAL	22	7.1	3.5	1.6	1.5	0	0	54	0	0	54	29	89	204	0	67	77	520	
SERIES 600																			
603 TECH AID DEV CBTY	5	3.2	1.9	0.9	0.7	0	0	2	0	0	2	13	13	78	0	0	144	250	
SUBTOTAL	5	3.2	1.9	0.9	0.7	0	0	2	0	0	2	13	13	78	0	0	144	250	
SERIES 800																			
802 INDIV & FAM DEC MAK	1	0.7	0.5	0.0	0.0	0	0	12	0	0	12	3	0	19	0	0	0	34	
805 COMMUNICAT RURAL PE	3	0.0	0.0	0.0	0.1	0	0	1	0	0	1	16	115	154	0	21	232	539	
SUBTOTAL	4	0.7	0.5	0.0	0.1	0	0	13	0	0	13	19	115	174	0	21	232	573	
SERIES 900																			
901 AIRLEV POLLUTION	14	4.8	7.7	2.1	1.8	0	0	26	0	0	26	62	87	93	0	42	61	392	
902 OUTDOOR RECREATION	33	7.9	7.7	2.1	3.7	0	0	138	0	0	138	85	232	224	6	1	26	713	
903 MULTI-USE-FOREST PO	25	4.9	5.2	2.4	1.6	0	0	142	0	0	142	69	0	201	0	0	99	511	
904 WILDLIFE AND FISH ECO	77	18.2	27.4	20.2	3.3	0	0	97	0	0	97	233	875	630	0	43	317	2196	
905 TREES BEAUTIFICATION	12	4.0	4.0	1.2	1.1	0	0	0	0	0	0	167	85	65	0	13	8	339	
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	5	5	
990 UNCLASSIFIED	5	0.4	0.0	0.1	0.0	0	0	40	0	0	40	7	37	0	0	0	0	84	
SUBTOTAL	167	40.3	51.9	28.0	11.4	0	0	442	0	0	442	642	1317	1214	7	99	518	4239	
SCIENCE IN SERV OF MAN	809	252.2	245.2	140.1	84.7	0	0	2362	42	0	2404	3959	715	2173				24084	
GRAND TOTAL												3091	9436	2306					

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS												TOT CR	USDA CR	OTHER CGCA	STATE FED	PROD APPRO	INDUS SALE	OTH -TRY	-ER TOTAL
			PROF	TECH	OTHER	HATH	RBF	STEN	GT	CR	OTR	TOT	CR									
0100 SOIL AND LAND	27	9.5	6.0	10.5	9.5	0	0	0	239	784	1023	0	0	4	0	0	0	0	0	0	0	1027
0200 WATER	12	10.0	6.1	3.9	3.1	0	0	0	213	373	586	0	0	0	0	0	0	0	0	0	0	586
0300 WATERSHEDS RIVER BAS	3	2.0	1.9	1.3	1.3	0	0	0	7	69	76	0	0	0	0	0	0	0	0	0	0	76
0400 AIR AND CLIMATE	1	0.2	0.0	1.0	0.0	0	0	0	0	34	34	0	0	0	0	0	0	0	0	0	0	34
0500 RECREATION RESOURCES	2	1.8	1.3	1.0	1.0	0	0	0	73	0	73	0	0	0	0	0	0	0	0	0	0	73
0600 TIMBER FOREST PRODUCT	5	1.1	0.0	1.3	0.1	0	0	0	35	96	131	0	0	0	0	0	0	0	0	0	0	131
0700 RANGE	1	0.1	0.0	0.0	0.0	0	0	0	0	28	28	0	0	0	0	0	0	0	0	0	0	28
0800 WILDLIFE AND FISH	21	6.7	5.1	8.5	4.0	0	0	0	170	554	723	1	0	8	0	0	0	0	0	0	0	732
0900 CITRUS SUB TROP FRUIT	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 FRUIT NUTS DECIDUCUS	8	2.5	0.8	4.7	3.1	0	0	0	79	277	357	0	0	0	0	0	0	0	0	0	0	357
1200 VEGETABLES	40	13.9	10.7	18.3	21.5	0	0	0	292	1793	2085	0	0	2	0	0	0	0	0	0	0	2087
1300 ORNAMENTALS TURF	3	0.0	0.0	0.0	0.0	0	0	0	37	0	37	0	0	0	0	0	0	0	0	0	0	37
1400 CORN	4	0.5	0.0	0.7	0.6	0	0	0	58	0	58	0	0	0	0	0	0	0	0	0	0	58
1500 GRAIN SORGHUM	3	0.2	0.1	0.3	0.9	0	0	0	10	9	18	0	0	0	0	0	0	0	0	0	0	19
1600 RICE	1	0.0	0.0	0.2	0.0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	4
1700 WHEAT	4	0.8	1.4	0.7	0.9	0	0	0	23	9	32	0	0	0	0	0	0	0	0	0	0	32
1800 OTHER SMALL GRAINS	14	2.6	0.0	4.7	0.3	0	0	0	208	322	531	0	0	0	0	0	0	0	0	0	0	531
1900 PASTURE	2	0.5	0.2	0.5	1.8	0	0	0	19	162	182	0	0	0	0	0	0	0	0	0	0	182
2000 FORAGE CROPS	14	5.3	3.0	12.4	5.6	0	0	0	103	339	442	0	0	0	0	0	0	0	0	0	0	442
2100 COTTON	8	7.7	2.8	5.7	7.6	0	0	0	127	236	363	0	0	4	0	0	0	0	0	0	0	367
2300 SOYBEANS	41	18.6	7.0	15.5	12.2	0	0	0	643	1369	2012	0	0	1	0	0	0	0	0	0	0	18
2400 PEANUTS	4	3.1	0.0	1.0	3.5	0	0	0	41	83	123	0	0	0	0	0	0	0	0	0	0	123
2500 OTHER OILSEED CROPS	2	0.0	0.0	0.0	0.3	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2
2600 TOBACCO	2	1.1	0.9	0.5	0.0	0	0	0	86	36	122	0	0	0	0	0	0	0	0	0	0	122
2800 MISC NEW CROPS	1	0.0	0.0	0.5	0.0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
2900 POULTRY	23	7.5	4.7	13.1	5.0	0	0	0	239	592	831	0	7	3	0	0	0	0	0	0	0	840
3000 BEEF CATTLE	25	7.6	5.2	10.6	10.6	0	0	0	402	1068	1470	0	0	0	0	0	0	0	0	0	0	1470
3100 DAIRY CATTLE	20	3.5	1.3	7.5	2.7	0	0	0	659	219	878	0	0	0	0	0	0	0	0	0	0	878
3200 SWINE	25	11.9	10.8	8.8	12.9	0	0	0	309	1221	1530	0	0	0	0	0	0	0	0	0	0	1530
3300 SHEEP AND WOOL	1	2.4	0.0	0.0	0.0	0	0	0	0	16	16	0	118	0	0	0	0	0	0	0	0	78
3300 SHEEP AND WOOL	9	1.9	0.6	2.8	2.3	0	0	0	5	363	368	0	0	0	0	0	0	0	0	0	0	368
3400 OTHER ANIMALS	16	10.7	10.1	7.1	7.7	0	0	0	157	1270	1427	0	0	2	0	0	0	0	0	0	0	1429
3600 FARM SUPP & FACILIT	6	1.8	0.7	1.1	1.3	0	0	0	126	13	140	0	0	0	0	0	0	0	0	0	0	140
3700 CLOTHING & TEXTILES	7	2.2	2.7	0.7	1.5	0	0	0	72	87	159	0	0	2	0	0	0	0	0	0	0	160
3800 FOOD	36	11.6	2.9	13.5	8.4	0	0	0	423	764	1187	0	0	0	0	0	0	0	0	0	0	1187
3900 HOUSING & EQUIP	6	10.8	100.5	1.2	1.2	0	0	0	127	42	169	0	0	0	0	0	0	0	0	0	0	169
4000 PEOPLE AS INDIVIDUAL	93	28.5	20.6	23.3	20.7	0	0	0	1148	1607	2755	0	8	0	0	0	0	0	0	0	0	2763
4100 FAMILY MEMBERS	50	13.8	10.0	13.8	11.2	0	0	0	460	1045	1505	0	0	1	0	0	0	0	0	0	0	1506
4200 FARM AS BUSINESS	10	3.8	1.9	3.0	3.7	0	0	0	59	260	318	0	0	0	0	0	0	0	0	0	0	318
4300 SOC POLITY ORGANIZ	28	8.4	4.5	7.9	6.2	0	0	0	74	856	929	0	0	1	0	0	0	0	0	0	0	930
4400 AGRIC ECONOMY U S	3	0.3	0.3	0.3	1.3	0	0	0	34	14	48	0	0	0	0	0	0	0	0	0	0	48
4600 FARM COOPERATIVES	2	0.6	0.0	0.0	0.0	0	0	0	3	30	33	0	0	0	0	0	0	0	0	0	0	33
4800 MARKETING SYSTEMS	2	0.7	0.0	0.5	0.5	0	0	0	50	0	50	0	0	0	0	0	0	0	0	0	0	50
6100 WEEDS	2	0.5	0.0	0.2	0.0	0	0	0	22	0	22	0	0	0	0	0	0	0	0	0	0	22
6300 BIO CELL SYSTEMS	1	0.4	0.0	0.2	0.1	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	3
6400 EXP DESIGN/STAT METH	3	0.6	1.0	0.3	0.6	0	0	0	33	42	75	0	0	0	0	0	0	0	0	0	0	75
6500 INVERTEBRATES	2	0.3	0.3	0.9	0.8	0	0	0	20	71	91	0	0	2	0	0	0	0	0	0	0	93
6600 MICROORGANISMS, VIRUS	2	0.5	0.0	0.6	0.3	0	0	0	30	15	45	0	0	0	0	0	0	0	0	0	0	45
6700 PLANTS	10	2.2	0.7	2.0	0.7	0	0	0	103	17	120	0	24	0	0	0	0	0	0	0	0	224
6800 ANIMALS(VERTEBRATES)	4	0.8	0.0	1.6	0.5	0	0	0	53	19	72	0	0	0	0	0	0	0	0	0	0	72
7000 RSCH EQUIP & TECHNOL	1	0.9	0.1	0.4	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	293
9900 UNCLASSIFIED	5	1.0	1.3	0.5	0.0	0	0	0	0	279	279	0	0	0	0	0	0	0	0	0	0	279
TOTAL	616	227.1	223.2	214.9	177.2	0	0	0	7078	16482	23560	1	202	39	0	300	0	115	0	24216		

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-D-0 SUMMARY BY		PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS																		
CLASSIFICATION CATEGORY	NO OF PROJ	STAFF			SUPPORT YEARS			HCIN SP			OTH TOT		USDA OTHER		STATE PROD		INDUS OTH		OTH	
		SYS	PROF	TECH	OTHER	HATH	BRF	STEM	GT	CB	CB	CGCA	FED	APPRO	SALES	THEY	-ER			
SERIES 100																				
101 APPRAIS OF SOIL RES	4	0.4	0.1	0.5	0.0	0	0	0	0	41	41	0	0	0	0	0	0	41		
102 SOIL PLNT WTR NUTRI	16	8.3	2.7	5.6	7.7	0	0	0	62	474	536	0	0	4	0	0	0	0	540	
103 MGMT OF SALINE SCIL	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
104 ALTERM USE OF LAND	1	0.3	0.0	0.0	0.1	0	0	0	26	0	26	0	0	0	0	0	0	0	26	
105 CONSERV USE OF WATE	2	0.6	0.6	0.9	0.2	0	0	0	0	49	49	0	0	0	0	0	0	0	49	
107 WATERSHED PROT & RG	1	0.1	0.0	0.0	0.0	0	0	0	0	22	22	0	0	0	0	0	0	0	22	
109 WEATHER ADAPT & MOD	3	0.2	0.2	0.5	0.0	0	0	0	24	10	34	0	0	0	0	0	0	0	34	
110 APPRAIS FORST & REN	1	0.1	0.0	0.0	0.0	0	0	0	0	22	22	0	0	0	0	0	0	0	22	
111 BIOL CULT MGMT FCRS	3	0.9	0.0	1.2	0.1	0	0	0	35	66	102	0	0	0	0	0	0	0	102	
113 REMOTE SENSING	1	0.2	0.0	0.0	0.0	0	0	0	0	50	50	0	0	0	0	0	0	0	50	
SUBTOTAL	33	11.1	3.6	8.6	8.1	0	0	0	148	734	882	0	0	4	0	0	0	0	886	
SERIES 200																				
204 CNTR PESTS FRT & VE	4	0.4	0.6	0.3	0.2	0	0	0	2	31	33	0	0	0	0	0	0	0	33	
205 CNTR DISE FRT & VEG	10	1.5	0.9	2.0	1.4	0	0	0	72	118	190	0	0	0	0	0	0	0	190	
206 CNTR WEEDS FRT & VE	7	0.6	0.2	0.7	0.0	0	0	0	43	10	54	0	0	0	0	0	0	0	54	
207 CNTR PESTS FLD CROP	12	3.1	0.1	12.1	3.5	0	0	0	127	132	259	0	0	4	0	0	0	0	264	
208 CNTR DIS FIELD CROP	13	7.8	2.6	7.5	8.2	0	0	0	250	236	485	0	0	0	0	0	0	0	485	
209 CNTR WEEDS FLD CROP	3	1.8	0.6	1.0	1.4	0	0	0	3	138	141	0	0	0	0	0	0	0	141	
210 CNTR PESTS ANIMALS	1	0.8	0.9	0.2	0.7	0	0	0	0	112	112	0	0	0	0	0	0	0	112	
211 CNTR DIS ANIMALS	1	2.4	0.0	0.0	0.0	0	0	0	0	16	16	0	118	0	0	0	0	0	212	
212 CNTR DIS ANIMALS	11	4.7	1.5	5.7	3.6	0	0	0	27	233	261	0	0	0	0	0	0	0	261	
213 PROT ANMLS FRM TOX	2	0.3	0.0	1.8	0.0	0	0	0	0	24	24	0	0	0	0	0	0	0	24	
214 PROTECT FROM POLLUT	9	2.3	1.5	1.7	0.6	0	0	0	70	32	102	0	70	0	0	300	20	0	492	
SUBTOTAL	74	25.8	8.9	32.9	21.7	0	0	0	638	1083	1721	0	188	4	0	300	98	0	2312	
SERIES 300																				
304 IMP BIO EFF FRT & V	33	8.5	7.6	15.1	13.4	0	0	0	212	1299	1511	0	0	2	0	0	0	0	1513	
305 MECH PROD FRT & VEG	2	0.1	0.1	0.1	0.4	0	0	0	0	20	20	0	3	0	0	0	0	0	23	
306 PROD MGMT SYS F & V	2	0.0	0.1	0.1	0.7	0	0	0	0	34	34	0	0	0	0	0	0	0	34	
307 IMP BIO EFF FLD CRP	44	15.4	5.6	12.6	9.9	0	0	0	545	1297	1882	0	0	2	0	0	0	0	1884	
308 MECH PROD FIELD CRO	1	0.1	0.0	0.1	0.0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	
309 PROD MGMT SYS FLD C	3	0.5	0.0	0.4	1.0	0	0	0	17	56	74	0	0	0	0	0	0	0	74	
310 ANIMAL REPRODUCTION	19	6.5	5.4	9.7	6.9	0	0	0	66	904	970	0	0	0	0	0	0	0	970	
311 IMP BIO EFF ANML PR	43	14.0	5.0	17.3	15.5	0	0	0	1083	1899	2982	0	0	1	0	0	0	0	2983	
312 ENV STRESS IN ANML	2	0.9	0.7	0.4	0.5	0	0	0	62	0	62	0	0	1	0	0	0	0	62	
313 PROD EIGHT STS ANML	9	3.8	3.0	2.8	2.9	0	0	0	99	383	481	0	0	0	0	0	0	0	481	
315 IMP STRUC FARM SUPP	6	1.8	0.7	1.1	1.3	0	0	0	126	13	140	0	0	0	0	0	0	0	140	
316 FARM BUSINESS MGMT	5	3.1	1.2	2.7	2.9	0	0	0	41	200	241	0	0	0	0	0	0	0	241	
317 MECH/STRUCTS ANML P	1	0.3	0.0	0.1	0.0	0	0	0	0	0	0	0	7	0	0	0	0	0	7	
318 NON-COM BIO TECH/BI	9	2.1	1.0	3.3	1.6	0	0	0	130	97	227	0	0	2	0	0	0	0	230	
SUBTOTAL	179	56.9	30.2	65.7	56.7	0	0	0	2381	6203	8584	0	14	8	0	0	0	0	8605	
SERIES 400																				
402 PROD F & V IMP ACCE	6	1.6	1.1	1.2	0.8	0	0	0	88	71	159	0	0	1	0	0	0	0	159	
405 PROD FLD CROP IMP A	10	1.9	0.6	2.3	1.2	0	0	0	140	109	249	0	0	0	0	0	0	0	267	
406 NEW IMP FOOD FLD CR	8	1.7	0.0	2.5	1.6	0	0	0	90	171	261	0	0	0	0	0	0	0	261	
409 PROD ANML PR IMP AC	13	6.1	9.0	4.6	5.5	0	0	0	206	667	872	0	0	2	0	0	0	0	874	
410 IMP MEAT MILK EGG P	1	0.2	0.1	0.5	0.1	0	0	0	0	29	29	0	0	0	0	0	0	0	29	
411 IMP NON-FOOD ANML P	1	0.2	0.0	0.0	0.1	0	0	0	0	69	69	0	0	0	0	0	0	0	69	
412 MKT QLAL ANIMAL PRO	2	0.6	1.0	2.1	0.5	0	0	0	10	112	122	0	0	0	0	0	0	0	122	
SUBTOTAL	41	12.2	11.7	13.2	9.7	0	0	0	533	1228	1762	0	0	3	0	0	0	0	1782	
SERIES 500																				
503 MKTG EFF AGRI PRODS	3	1.2	0.2	0.5	1.0	0	0	0	94	0	94	0	0	0	0	0	0	0	94	
506 SPLY DEMAND AND FBI	1	1.0	0.2	0.7	0.8	0	0	0	0	51	51	0	0	0	0	0	0	0	51	
508 DOMESTIC MKT DEVELOP	1	0.2	0.2	0.0	0.0	0	0	0	0	5	5	0	0	0	0	0	0	0	6	
509 PERFORMANCE MKTG SY	1	0.0	0.0	0.0	0.0	0	0	0	2	0	2	0	0	0	0	0	0	0	2	
510 GROUP ACT MKT POWER	2	0.6	0.0	0.0	0.0	0	0	0	3	30	33	0	0	0	0	0	0	0	33	
511 IMP AGRIC STATISTIC	2	0.3	0.5	0.3	0.6	0	0	0	7	42	49	0	0	0	0	0	0	0	49	
SUBTOTAL	10	3.3	1.0	1.5	2.4	0	0	0	105	128	233	0	0	0	0	0	0	0	233	
SERIES 700																				
701 TOT RES IN FOOD	9	4.2	2.9	3.2	5.6	0	0	0	75	384	459	0	0	0	0	0	0	0	459	
702 FOOD PROT FROM TCX	9	2.1	2.7	2.5	3.2	0	0	0	113	102	214	0	0	0	0	0	0	0	214	
703 FOOD CONSUM HABITS	35	10.9	6.3	9.4	10.4	0	0	0	555	555	1111	0	0	1	0	0	0	0	1111	
704 HOME CORN FOOD SERV	3	0.1	0.2	0.1	0.1	0	0	0	5	13	18	0	0	0	0	0	0	0	19	
705 SEL CARE CLOTH & TE	7	2.2	2.7	0.7	1.5	0	0	0	72	87	159	0	0	2	0	0	0	0	160	
708 HUMAN NUTRITION	52	20.4	8.0	23.6	14.0	0	0	0	609	1249	1858	0	0	2	0	0	0	0	1860	
709 REDUCE HAZ HLTH & S	4	3.1	1.4	0.9	0.8	0	0	0	173	97	270	0	0	0	0	0	0	0	270	
SUBTOTAL	119	42.8	24.2	40.5	35.7	0	0	0	1602	2487	4089	0	0	4	0	0	0	0	4093	
SERIES 800																				
801 RURAL HOUSING	6	10.8	100.6	1.2	1.2	0	0	0	126	42	168	0	0	1	0	0	0	0	170	
802 INDIV & FAM DEC MAK	21	7.5	4.0	5.3	4.7	0	0	0	191	675	866	0	0	2	0	0	0	0	868	
803 RURAL POVERTY	22	7.1	7.8	9.5	10.8	0	0	0	102	812	914	0	0	1	0	0	0	0	915	
804 ECON POTENT RUBL PE	20	8.0	2.2	4.2	2.0	0	0	0	152	270	422	0	0	0	0	0	0	0	422	
805 COMMUNIC RURAL PE	15	4.4	4.1																	

**UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
SAES REGION 1 NORTHEAST REGION**
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-0 SUMMARY BY STATION

OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	STAFF SUPPORT PROF	YEARS TECH OTHER	HATH	BPF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	APPRO	SALES	-TBY	-ER	TOTAL
		SYS					STEM	GT	CR	CR	CGCA	FED									
CONNECTICUT	NEW HAVEN	54	36.5	0.0	22.1	6.1	449	91	81	0	0	621	3	39	1596	94	0	0	0	2352	
CONNECTICUT	STORRS	71	27.8	30.2	2.6	22.9	449	236	27	19	32	764	0	0	1536	0	0	0	0	2300	
DIST OF COLUM	WASHINGTON	4	0.0	0.0	0.0	0.0	58	13	0	0	0	71	0	0	0	0	0	0	0	71	
DELAWARE	NEWARK	91	27.8	33.3	3.9	20.9	627	244	60	60	23	1014	16	14	1463	287	127	108	3029		
MASSACHUSETTS	AMHERST	115	45.2	65.2	38.6	25.1	1058	418	121	63	24	1683	169	30	1615	26	76	178	3773		
MARYLAND	COLLEGE PA	188	82.0	56.8	77.1	52.9	1207	429	127	24	80	1866	0	11	4323	381	63	0	6644		
MAINE	ORONO	115	61.6	57.4	41.0	35.1	878	341	299	21	23	1562	718	338	1686	457	370	487	5618		
NEW HAMPSHIRE	DURHAM	73	29.9	33.8	11.0	17.6	705	240	158	39	26	1168	0	6	821	123	0	0	2118		
NEW JERSEY	NEW BRUNSW	302	99.3	102.2	79.7	54.9	1039	664	109	220	34	2066	229	723	8723	0	1072	1174	13989		
NEW YORK	ITHACA	703	253.6	303.8	262.9	202.0	2314	660	67	366	237	3643	1106	6180	11255	2756	1211	3046	29198		
PENNSYLVANIA	GENEVA	135	67.5	65.4	55.1	31.6	257	322	0	217	0	795	61	3574	169	317	286	5354			
RHODE ISLAND	KINGSTON	48	31.7	48.9	7.0	15.3	584	253	44	2	16	900	25	691	885	39	62	117	2719		
VERMONT	BURLINGTON	70	27.5	15.0	38.2	9.5	754	217	0	80	18	1070	30	117	934	3	104	0	2257		
WEST VIRGINIA	MORGANTOWN	103	35.2	26.1	19.7	33.8	1450	357	194	6	21	2028	82	64	1491	447	64	38	4213		
SUBTOTAL - SAES		2393	952.6	846.0	960.5	571.9	14970	5283	1546	1596	665	24058	2758	8870	46344	4782	4485	6023	97320		
DEL STATE COL	DOVER	15	6.0	0.5	7.0	0.0	0	0	0	108	372	480	0	0	0	0	0	0	0	480	
JOHN HOPKINS	BALTIMORE	1	2.4	0.0	0.0	0.0	0	0	0	0	16	16	0	118	0	0	0	0	78	212	
MD. STATE COL	PRINCESS A	21	5.2	1.3	9.5	3.0	0	0	0	170	607	777	0	0	0	0	0	0	0	777	
NEW YORK	YONKERS	2	0.5	1.0	0.0	0.0	0	0	0	38	0	38	0	0	0	0	0	0	18	55	
SUBTOTAL - OCI		39	14.1	2.8	16.5	3.0	0	0	0	316	995	1311	0	118	0	0	0	0	96	1524	
FORESTRY SCH	SYRACUSE	137	47.8	56.3	41.4	4.3	0	0	207	5	0	212	547	915	2274	0	542	561	5052		
FORESTRY SCH	BURLINGTON	10	4.7	0.9	6.9	1.8	0	0	176	0	0	176	12	7	176	21	0	25	417		
SUBTOTAL - PBSTY SCH		147	52.5	57.2	48.3	6.1	0	0	383	5	0	388	559	922	2450	21	542	586	5469		
TOTAL		2579	1019.2	906.0	581.0	5283	14971	1918	1658	25758	3318	9909	48794	5027	6697	104298					

SAES REGION 2 SOUTHERN REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-0 SUMMARY BY STATION

OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	STAFF SUPPORT PROF	YEARS TECH OTHER	HATH	BPF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	APPRO	SALES	-TBY	-ER	TOTAL
		SYS					STEM	GT	CR	CR	CGCA	FED									
ALABAMA	AUBURN	222	143.2	97.3	111.1	247.2	2149	553	315	69	150	3236	434	519	6702	3310	397	517	15115		
ARKANSAS	FARETTTEVIL	295	113.8	244.0	68.4	172.4	1855	487	294	421	61	3118	164	436	10481	290	515	809	15813		
FLORIDA	GAINESVILLE	674	372.8	118.5	548.7	410.2	1444	440	252	226	99	2460	868	2102	31779	743	2068	703	40725		
GEORGIA	ATHENS	370	167.0	75.4	283.4	318.9	2344	772	335	169	77	3696	556	462	16689	0	278	1231	22913		
KENTUCKY	LEXINGTON	213	120.8	128.7	124.1	193.1	2664	552	208	57	101	3582	0	55	7702	0	0	0	11339		
LOUISIANA	BATON RUCG	503	204.5	0.0	0.0	0.0	1686	462	210	62	123	2542	194	197	15052	2707	1010	270	21971		
MISSISSIPPI	STATE CCIL	279	180.4	54.6	127.3	299.2	2252	655	318	100	76	3402	926	478	10815	2310	487	1696	20114		
NORTH CAROLINA	RALEIGH	532	235.3	407.5	368.5	244.0	3547	793	312	357	163	5172	807	2027	2337	19992	961	1404	1685	32257	
OKLAHOMA	STILLWATER	270	88.4	54.6	121.3	15.8	1625	394	171	109	166	2470	552	673	4456	1089	490	347	10078		
PUERTO RICO	RIO PIEDRA	88	95.6	29.8	61.5	545.4	2470	494	0	31	62	3057	0	289	4486	1157	0	13	9002		
SOUTH CAROLINA	CLEMSON	283	89.4	48.2	116.6	209.7	1871	457	0	35	45	2409	203	0	9508	0	0	0	12119		
TEXAS	KNOXVILLE	205	125.8	128.1	64.1	213.7	2619	566	222	131	80	3619	51	2467	5712	3186	344	191	15571		
VIRGINIA	COLLEGE ST	571	273.6	122.7	330.8	479.6	3324	806	140	354	385	5009	835	633	18885	2048	4151	0	31562		
VIRGINIA	BLACKSBURG	288	158.8	65.6	407.5	146.0	2251	518	273	78	109	3229	1071	2124	9808	2	1526	2153	19913		
VIRGIN ISLANDS	ST. THOMAS	10	4.5	1.0	1.0	8.7	152	92	0	2	0	247	0	0	67	0	0	0	313		
SUBTOTAL - SAES		4803	2373.9	1576.0	2734.3	3503.9	32225	8045	3050	2201	1697	47248	66611	12672	17213	417803	12670	9615	278805		
ALA TUSKEGEE	TUSKEGEE	58	18.3	13.1	37.5	12.4	0	0	0	380	1068	1448	0	0	0	0	0	0	0	1448	
ALA A&M	NORMAL	30	8.3	0.0	10.0	1.1	0	0	0	368	1063	1431	0	0	0	0	0	0	0	1431	
ARK A & M	PINE BLUFF	30	12.1	12.9	2.1	9.0	0	0	0	363	644	1207	1	0	39	0	0	0	0	1246	
FLORIDA A&M	TALLAHASSE	12	12.7	7.3	4.8	8.9	0	0	0	13	699	712	0	0	0	0	0	0	0	712	
FT. VALLEY COL	PORT VAILE	34	8.2	6.0	15.6	16.8	0	0	0	378	1129	1508	0	0	0	0	0	0	0	1508	
KY STATE COLL	FRANKFORT	26	15.8	0.7	19.9	3.6	0	0	0	432	1094	1526	0	0	0	0	0	0	0	1526	
SOUTHERN UNIV	BATON RUCG	24	9.1	2.6	14.7	10.5	0	0	0	365	762	1127	0	0	0	0	0	0	0	1127	
ALCORN A&M	LORMAN	19	6.0	4.3	14.7	8.9	0	0	0	597	867	1464	0	0	0	0	0	0	0	1464	
AG TECH NC.	GREENSBURG	45	33.3	111.9	29.6	18.4	0	0	0	602	1593	2195	0	0	0	0	0	0	0	2195	
LANGSTON UNIV	LANGSTON	18	14.5	10.5	10.8	15.0	0	0	0	359	806	1165	0	0	0	0	0	0	0	1165	
SC STATE COLL	ORANGEBURG	21	14.0	1.0	3.8	3.4	0	0	0	487	738	1225	0	0	0	0	0	0	0	1225	
TENN A&M IND	NASHVILLE	36	15.6	14.5	5.8	14.5	0	0	0	624	1149	1773	0	0	0	0	0	0	0	1773	
PRARIE VM A&M	PRAIRIE VI	16	15.2	30.7	11.9	10.9	0	0	0	885	1529	2414	0	0	0	0	0	0	0	2414	
VA STATE COLL	PETERSBURG	26	14.8	1.4	10.9	31.2	0	0	0	608	1027	1636	0	14	0	0	0	0	0	1649	
SUBTOTAL - OCI		395	197.9	216.9	192.1	166.6	0	0	0	6461	14368	20831	1	14	39	0	0	0	0	20883	
FORESTRY SCH	RUSTON	7	3.4	0.1	0.7	0.0	0	0	87	0	0	87	0	0	128	0	0	0	0	215	
FORESTRY SCH	CLEMSON	81	13.8	5.7	18.1	14.8	0	0	261	0	0	261	36	46	663	281	12	115	1413		
FORESTRY SCH	MACOGDOCHE	25	5.0	3.7	4.0	0.8	0	0	141	0											

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-0 SUMMARY BY STATION

OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	STAFF SUPPORT PROF	YEARS TECH	HCIN HATH	SP RFP	OTH STEW	TOT GT	USDA CR	OTHER CGCA	STATE FED	PROD APPRO	INDUS SALES	OTH -TRY	-ER	TOTAL				
ILLINOIS	URBANA	316	150.7	298.4	72.3	169.4	2837	663	93	136	229	3959	443	890	7465	2006	1092	396	16250	
INDIANA	LAFAYETTE	375	187.4	78.5	202.2	336.0	2570	602	167	289	131	3758	666	3178	9585	3733	1500	1237	23656	
IOWA	AMES	384	126.5	268.9	79.8	161.6	2668	845	107	325	427	4372	1896	1617	8710	1106	4538	0	21839	
KANSAS	MANHATTAN	514	191.5	257.0	153.7	66.2	1679	555	88	56	217	2596	454	1287	9512	3427	3332	59	20766	
MICHIGAN	LANSING	436	176.5	161.8	149.7	77.0	2627	589	95	428	155	3891	1142	1929	11808	990	1851	1179	22793	
MINNESOTA	ST. PAUL	343	189.5	141.2	106.0	195.6	2531	587	247	355	272	3992	1353	937	16731	0	1461	914	25392	
MISSOURI	COLUMBIA	231	115.2	240.7	101.6	166.5	2472	528	218	198	189	3602	537	1058	7035	1862	441	718	15253	
NORTH DAKOTA	FARGO	261	116.2	84.0	117.0	39.3	1168	395	38	79	85	1765	150	333	8888	1198	538	618	13483	
NEBRASKA	LINCOLN	269	138.1	154.7	322.6	250.3	1542	595	66	216	208	2627	779	920	8892	10197	904	232	24550	
OHIO	WOOSTER	337	121.3	52.0	245.9	0.0	3105	636	191	558	149	4639	181	482	14533	0	0	0	19835	
SOUTH DAKOTA	BROOKINGS	195	106.9	78.6	43.1	47.0	1190	399	86	31	114	1819	171	55	3581	0	251	865	6342	
WISCONSIN	MADISON	504	157.7	420.8	82.8	83.6	2541	691	241	404	269	4146	676	6868	12063	0	2120	319	26191	
SUBTOTAL - SAES		4165	1737.4	2236.6	1671.7	1592.5	26930	7081	1637	3075	2445	41169	8048	19554	118803	24515	18131	6133	236352	
LINCOLN UNIV	JEFFERSCH	16	10.0	7.3	5.8	7.5	0	0	0	301	1119	1420	0	0	0	0	0	0	1420	
SUBTOTAL - OCI		16	10.0	7.3	5.8	7.5	0	0	0	301	1119	1420	0	0	0	0	0	0	1420	
FORESTRY SCH	CARBONDALE	20	4.6	2.8	0.3	0.2	0	0	96	0	0	96	6	15	139	0	0	0	257	
FORESTRY SCH	ANN ARBOR	39	4.5	12.5	0.0	0.0	0	0	98	37	0	135	18	61	150	0	2	147	513	
FORESTRY SCH	HOUGHTON	27	9.7	9.0	10.3	9.5	0	0	95	0	0	41	17	68	68	0	1027	0	1828	
SUBTOTAL - FRSY SCH		86	18.8	24.3	10.6	9.7	0	0	289	37	0	326	65	93	937	0	1029	147	2598	
TOTAL		4267	2268.2	1609.7	7082	3613	42917	19647	24515	6281	240371	1766.2	1688.1	26930	1928	3564	8114	119739	19159	

SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-0 SUMMARY BY STATION

OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	STAFF SUPPORT PROF	YEARS TECH	HCIN HATH	SP RFP	OTH STEW	TOT GT	USDA CR	OTHER CGCA	STATE FED	PROD APPRO	INDUS SALES	OTH -TRY	-ER	TOTAL			
ALASKA	FAIRBANKS	29	9.9	0.3	20.7	7.6	586	94	145	4	10	838	0	17	2165	0	0	0	3021
ARIZONA	TUCSON	248	125.4	71.5	82.7	116.6	792	499	83	101	67	1542	1051	1158	8338	367	792	1187	14435
CALIFORNIA	BERKELEY	1222	548.0	1026.9	308.6	482.5	2298	1053	297	1009	323	4980	24571	10104	51593	291	4946	712	75088
COLORADO	FT COLLINS	203	133.6	146.0	104.3	54.2	1048	646	0	190	248	2131	1194	6110	5894	816	128	983	17257
GUAM	AGANA	19	8.7	4.0	1.0	12.5	366	76	0	4	0	447	0	0	309	0	0	0	755
HAWAII	HONOLULU	209	94.0	21.5	10.5	137.1	638	252	67	41	11	1008	135	564	5826	0	138	291	7962
IDAHO	MOSCOW	142	65.4	49.7	49.7	20.4	972	393	0	256	109	1730	28	197	4711	310	844	508	8328
MONTANA	BOZEMAN	189	82.7	57.1	65.0	142.6	927	440	0	101	108	1576	173	633	3216	2004	644	331	8576
NEVADA	RENO	100	37.2	29.2	19.4	18.7	576	241	51	32	37	937	169	122	2105	186	119	247	3885
NEW MEXICO	UNIV PARK	140	61.0	50.5	86.0	39.1	822	265	138	318	49	1587	0	42	1870	23	504	0	4027
OREGON	CORVALIS	338	145.8	128.1	138.0	52.2	1187	610	0	418	85	2300	375	4395	9853	1555	417	11842	20038
UTAH	LOGAN	185	75.0	43.9	39.1	20.7	726	454	91	86	62	1419	453	864	3690	489	343	204	7462
WASHINGTON	PULLMAN	328	133.6	107.4	195.8	208.4	1381	852	157	169	159	2718	857	2092	8879	2088	1660	759	19052
WYOMING	LAARAMIE	76	42.4	11.9	12.1	13.1	676	351	82	25	30	1165	0	23	1217	0	7	60	2472
SUBTOTAL - SAES		3428	1562.7	1748.0	1132.9	1325.7	212995	6226	11107	2754	1298	24378	689226321109666	812910542	6424	192354			
CALIFORNIA	NEWBURY PA	1	1.2	0.1	0.5	0.1	0	0	0	0	0	0	0	70	0	0	300	20	390
SUBTOTAL - OCI		1	1.2	0.1	0.5	0.1	0	0	0	0	0	0	0	70	0	0	300	20	390
FORESTRY SCH	FLAGSTAFF	9	3.9	3.9	1.8	1.8	0	0	79	0	0	79	0	0	87	0	0	0	166
FORESTRY SCH	ARCATA	19	1.9	0.0	0.9	0.0	0	0	35	0	0	35	0	0	51	0	5	0	91
FORESTRY SCH	FT COLLINS	14	1.1	5.3	2.1	0.6	0	0	130	0	0	130	61	0	0	61	38	291	
FORESTRY SCH	MOSCOW	118	32.4	58.1	17.8	0.0	0	0	229	0	0	229	601	755	1409	354	43	101	3490
FORESTRY SCH	MISSOULA	20	7.6	8.5	2.9	2.0	0	0	194	0	0	194	187	316	0	0	87	144	928
FORESTRY SCH	CORVALIS	119	56.0	60.7	19.8	35.3	0	0	346	0	0	346	943	811	2276	59	240	6	4681
FORESTRY SCH	SEATTLE	19	55.8	17.7	13.1	13.6	0	0	187	0	0	187	470	1015	1215	0	276	1036	4199
SUBTOTAL - FRSY SCH		318	158.7	154.2	58.4	53.3	0	0	1200	2262	2897	5038	413	712	1325	13846			
TOTAL		3747	1902.3	1379.1	6226	2753	25578	29291	8549	9154	114703	11551	7776	206602	1722.6	1192.8	12994	2307	1298